FEDERAL OPERATING PERMIT

A FEDERAL OPERATING PERMIT IS HEREBY ISSUED TO
US Department of the Army

AUTHORIZING THE OPERATION OF
Red River Army Depot
National Security

LOCATED AT
Bowie County, Texas
Latitude 33° 27' 52" Longitude 94° 18' 47"
Regulated Entity Number: RN100224104

This permit is issued in accordance with and subject to the Texas Clean Air Act (TCAA), Chapter 382 of the Texas Health and Safety Code and Title 30 Texas Administrative Code Chapter 122 (30 TAC Chapter 122), Federal Operating Permits. Under 30 TAC Chapter 122, this permit constitutes the permit holder's authority to operate the site and emission units listed in this permit. Operations of the site and emission units listed in this permit are subject to all additional rules or amended rules and orders of the Commission pursuant to the TCAA.

This permit does not relieve the permit holder from the responsibility of obtaining New Source Review authorization for new, modified, or existing facilities in accordance with 30 TAC Chapter 116, Control of Air Pollution by Permits for New Construction or Modification.

The site and emission units authorized by this permit shall be operated in accordance with 30 TAC Chapter 122, the general terms and conditions, special terms and conditions, and attachments contained herein.

This permit shall expire five years from the date of issuance. The renewal requirements specified in 30 TAC § 122.241 must be satisfied in order to renew the authorization to operate the site and emission units.

Permit No: O1646 Issuance Date: June 30, 2015

For the Commission

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General Terms and Conditions

The permit holder shall comply with all terms and conditions contained in 30 TAC § 122.143 (General Terms and Conditions), 30 TAC § 122.144 (Recordkeeping Terms and Conditions), 30 TAC § 122.145 (Reporting Terms and Conditions), and 30 TAC § 122.146 (Compliance Certification Terms and Conditions).

In accordance with 30 TAC § 122.144(1), records of required monitoring data and support information required by this permit, or any applicable requirement codified in this permit, are required to be maintained for a period of five years from the date of the monitoring report, sample, or application unless a longer data retention period is specified in an applicable requirement. The five year record retention period supersedes any less stringent retention requirement that may be specified in a condition of a permit identified in the New Source Review Authorization attachment.

If the permit holder chooses to demonstrate that this permit is no longer required, a written request to void this permit shall be submitted to the Texas Commission on Environmental Quality (TCEQ) by the Responsible Official in accordance with 30 TAC § 122.161(e). The permit holder shall comply with the permit's requirements, including compliance certification and deviation reporting, until notified by the TCEQ that this permit is voided.

The permit holder shall comply with 30 TAC Chapter 116 by obtaining a New Source Review authorization prior to new construction or modification of emission units located in the area covered by this permit.

All reports required by this permit must include in the submittal a cover letter which identifies the following information: company name, TCEQ regulated entity number, air account number (if assigned), site name, area name (if applicable), and Air Permits Division permit number(s).

Special Terms and Conditions:

Emission Limitations and Standards, Monitoring and Testing, and Recordkeeping and Reporting

1. Permit holder shall comply with the following requirements:

   A. Emission units (including groups and processes) in the Applicable Requirements Summary attachment shall meet the limitations, standards, equipment specifications, monitoring, recordkeeping, reporting, testing, and other requirements listed in the Applicable Requirements Summary attachment to assure compliance with the permit.

   B. The textual description in the column titled "Textual Description" in the Applicable Requirements Summary attachment is not enforceable and is not deemed as a substitute for the actual regulatory language. The Textual Description is provided for information purposes only.

   C. A citation listed on the Applicable Requirements Summary attachment, which has a notation [G] listed before it, shall include the referenced section and subsection for all commission rules, or paragraphs for all federal and state regulations and all subordinate paragraphs, subparagraphs and clauses, subclauses, and items contained within the referenced citation as applicable requirements.

D. When a grouped citation, notated with a [G] in the Applicable Requirements Summary, contains multiple compliance options, the permit holder must keep records of when each compliance option was used.

E. Emission units subject to 40 CFR Part 63, Subpart N and DDDDD as identified in the attached Applicable Requirements Summary table are subject to 30 TAC Chapter 113, Subchapter C, § 113.190 and § 113.1130 respectively, which incorporate the 40 CFR Part 63 Subparts by reference.

2. The permit holder shall comply with the following sections of 30 TAC Chapter 101 (General Air Quality Rules):

A. Title 30 TAC § 101.1 (relating to Definitions), insofar as the terms defined in this section are used to define the terms used in other applicable requirements

B. Title 30 TAC § 101.3 (relating to Circumvention)

C. Title 30 TAC § 101.8 (relating to Sampling), if such action has been requested by the TCEQ

D. Title 30 TAC § 101.9 (relating to Sampling Ports), if such action has been requested by the TCEQ

E. Title 30 TAC § 101.10 (relating to Emissions Inventory Requirements)

F. Title 30 TAC § 101.201 (relating to Emission Event Reporting and Recordkeeping Requirements)

G. Title 30 TAC § 101.211 (relating to Scheduled Maintenance, Start-up, and Shutdown Reporting and Recordkeeping Requirements)

H. Title 30 TAC § 101.221 (relating to Operational Requirements)

I. Title 30 TAC § 101.222 (relating to Demonstrations)

J. Title 30 TAC § 101.223 (relating to Actions to Reduce Excessive Emissions)

3. Permit holder shall comply with the following requirements of 30 TAC Chapter 111:

A. Visible emissions from stationary vents with a flow rate of less than 100,000 actual cubic feet per minute and constructed after January 31, 1972 that are not listed in the Applicable Requirements Summary attachment for 30 TAC Chapter 111, Subchapter A, Division 1 , shall not exceed 20% opacity averaged over a six-minute period. The permit holder shall comply with the following requirements for stationary vents at the site subject to this standard:

(i) Title 30 TAC § 111.111(a)(1)(B) (relating to Requirements for Specified Sources)

(ii) Title 30 TAC § 111.111(a)(1)(E)

(iii) Title 30 TAC § 111.111(a)(1)(F)(i), (ii), (iii), or (iv)

(iv) For emission units with vent emissions subject to 30 TAC § 111.111(a)(1)(B), complying with 30 TAC § 111.111(a)(1)(F)(ii), (iii), or (iv), and capable of producing visible emissions from, but not limited to, particulate matter, acid gases and NO_x, the permit holder shall also comply with the following periodic monitoring requirements for the purpose of annual compliance certification under 30 TAC § 122.146. These periodic monitoring requirements do not apply to vents that are not capable of producing visible emissions such as vents that emit only colorless VOCs; vents from non-fuming liquids; vents that provide passive ventilation, such as plumbing vents; or vent emissions from any other source that does not obstruct the transmission of light. Vents, as specified in the "Applicable Requirements Summary" attachment, that are subject to the emission limitation of 30 TAC § 111.111(a)(1)(B) are not subject to the following periodic monitoring requirements:

(1) An observation of stationary vents from emission units in operation shall be conducted at least once during each calendar quarter unless the emission unit is not operating for the entire quarter.

(2) For stationary vents from a combustion source, if an alternative to the normally fired fuel is fired for a period greater than or equal to 24 consecutive hours, the permit holder shall conduct an observation of the stationary vent for each such period to determine if visible emissions are present. If such period is greater than 3 months, observations shall be conducted once during each quarter. Supplementing the normally fired fuel with natural gas or fuel gas to increase the net heating value to the minimum required value does not constitute creation of an alternative fuel.

(3) Records of all observations shall be maintained.

(4) Visible emissions observations of emission units operated during daylight hours shall be conducted no earlier than one hour after sunrise and no later than one hour before sunset. Visible emissions observations of emission units operated only at night must be made with additional lighting and the temporary installation of contrasting backgrounds. Visible emissions observations shall be made during times when the activities described in 30 TAC § 111.111(a)(1)(E) are not taking place. Visible emissions shall be determined with each stationary vent in clear view of the observer. The observer shall be at least 15 feet, but not more than 0.25 mile, away from each stationary vent during the observation. For outdoor locations, the observer shall select a position where the sun is not directly in the observer's eyes. When condensed water vapor is present within the plume, as it emerges from the emissions outlet, observations must be made beyond the point in the plume at which condensed water vapor is no longer visible. When water vapor within the plume condenses and becomes visible at a distance from the emissions outlet, the observation shall be evaluated at the outlet prior to condensation of water vapor. A certified opacity reader is not required for visible emissions observations.

(5) Compliance Certification:

(a) If visible emissions are not present during the observation, the RO may certify that the source is in compliance with the applicable opacity requirement in 30 TAC § 111.111(a)(1) and (a)(1)(B).

(b) However, if visible emissions are present during the observation, the permit holder shall either list this occurrence as a deviation on the next deviation report as required under 30 TAC § 122.145(2) or conduct the appropriate opacity test specified in 30 TAC § 111.111(a)(1)(F) as soon as practicable, but no later than 24 hours after observing visible emissions to determine if the source is in compliance with the opacity requirements. If an opacity test is performed and the source is determined to be in compliance, the RO may certify that the source is in compliance with the applicable opacity requirement. However, if an opacity test is performed and the source is determined to be out of compliance, the permit holder shall list this occurrence as a deviation on the next deviation report as required under 30 TAC § 122.145(2). The opacity test must be performed by a certified opacity reader.

(c) Some vents may be subject to multiple visible emission or monitoring requirements. All credible data must be considered when certifying compliance with this requirement even if the observation or monitoring was performed to demonstrate compliance with a different requirement.

B. For visible emissions from all other sources not specified in 30 TAC § 111.111(a)(1), (4), or (7); the permit holder shall comply with the following requirements:

(i) Title 30 TAC § 111.111(a)(8)(A) (relating to Requirements for Specified Sources)

(ii) Title 30 TAC § 111.111(a)(8)(B)(i) or (ii)

(iii) For a source subject to 30 TAC § 111.111(a)(8)(A), complying with 30 TAC § 111.111(a)(8)(B)(i) or (ii), and capable of producing visible emissions from, but not limited to, particulate matter, acid gases and NO_x, the permit holder shall also comply with the following periodic monitoring requirements for the purpose of annual compliance certification under 30 TAC § 122.146:

(1) An observation of visible emissions from a source which is required to comply with 30 TAC § 111.111(a)(8)(A) shall be conducted at least once during each calendar quarter unless the source is not operating for the entire quarter.

(2) Records of all observations shall be maintained.

(3) Visible emissions observations of sources operated during daylight hours shall be conducted no earlier than one hour after sunrise and no later than one hour before sunset. Visible emissions observations of sources operated only at night must be made with additional lighting and the temporary installation of contrasting backgrounds. Visible emissions shall be determined with each source in clear view of the observer. The observer shall be at least 15 feet, but not more than 0.25 mile, away from each source during the observation. For outdoor locations, the observer shall select a position where the sun is not directly in the observer's eyes. When condensed water vapor is present within the plume, as it emerges from the emissions outlet, observations must be made beyond the point in the plume at which condensed water vapor is no longer visible. When water vapor within the plume condenses and becomes visible at a distance from the emissions outlet, the observation shall be evaluated at the outlet prior to condensation of water vapor. A certified opacity reader is not required for visible emissions observations.

(4) Compliance Certification:

(a) If visible emissions are not present during the observation, the RO may certify that the source is in compliance with the applicable opacity requirement in 30 TAC § 111.111(a)(8) and (a)(8)(A)

(b) However, if visible emissions are present during the observation, the permit holder shall either list this occurrence as a deviation on the next deviation report as required under 30 TAC § 122.145(2) or conduct the appropriate opacity test specified in 30 TAC § 111.111(a)(8)(B) as soon as practicable, but no later than 24 hours after observing visible emissions to determine if the source is in compliance with the opacity requirements. If an opacity test is performed and the source is determined to be in compliance, the RO may certify that the source is in compliance with the applicable opacity requirement. However, if an opacity test is performed and the source is determined to be out of compliance, the permit holder shall list this occurrence as a deviation on the next deviation report as required under 30 TAC § 122.145(2). The opacity test must be performed by a certified opacity reader.

C. Certification of opacity readers determining opacities under Method 9 (as outlined in 40 CFR Part 60, Appendix A) to comply with opacity monitoring requirements shall be accomplished by completing the Visible Emissions Evaluators Course, or approved agency equivalent, no more than 180 days before the opacity reading.

D. For emission units with contributions from uncombined water, the permit holder shall comply with the requirements of 30 TAC § 111.111(b).

E. Outdoor burning, as stated in 30 TAC § 111.201, shall not be authorized unless the following requirements are satisfied:

(i) Title 30 TAC § 111.205 (relating to Exception for Fire Training)

(ii) Title 30 TAC § 111.207 (relating to Exception for Recreation, Ceremony, Cooking, and Warmth)

(iii) Title 30 TAC § 111.209 (relating to Exception for Disposal Fires)

(iv) Title 30 TAC § 111.211 (relating to Exception for Prescribed Burn)

(v) Title 30 TAC § 111.215 (relating to TCEQ Executive Director Approval of Otherwise Prohibited Outdoor Burning)

(vi) Title 30 TAC § 111.219 (relating to General Requirements for Allowable Outdoor Burning)

(vii) Title 30 TAC § 111.221 (relating to Responsibility for Consequences of Outdoor Burning)

4. Permit holder shall comply with the following 30 TAC Chapter 115, Subchapter C requirements:

A. When filling gasoline storage vessels with a nominal capacity greater than 1,000 gallons (Stage I) at motor vehicle fuel dispensing facilities, which have dispensed less than 125,000 gallons of gasoline in any calendar month after January 1, 1999, the permit holder shall comply with the following requirements specified in 30 TAC Chapter 115, Subchapter C:

(i) Title 30 TAC § 115.222(7) (relating to Control Requirements)

(ii) Title 30 TAC § 115.222(3), as it applies to liquid gasoline leaks

(iii) Title 30 TAC § 115.224(1) (relating to Inspection Requirements), as it applies to liquid gasoline leaks

(iv) Title 30 TAC § 115.226(2)(C) (relating to Recordkeeping Requirements)

5. The permit holder shall comply with the following requirements for units subject to any subpart of 40 CFR Part 60, unless otherwise stated in the applicable subpart:

A. Title 40 CFR § 60.7 (relating to Notification and Recordkeeping)

B. Title 40 CFR § 60.8 (relating to Performance Tests)

C. Title 40 CFR § 60.11 (relating to Compliance with Standards and Maintenance Requirements)

D. Title 40 CFR § 60.12 (relating to Circumvention)

E. Title 40 CFR § 60.13 (relating to Monitoring Requirements)

F. Title 40 CFR § 60.14 (relating to Modification)

G. Title 40 CFR § 60.15 (relating to Reconstruction)

H. Title 40 CFR § 60.19 (relating to General Notification and Reporting Requirements)

6. The permit holder shall comply with the requirements of 30 TAC Chapter 113, Subchapter C, § 113.100 for units subject to any subpart of 40 CFR Part 63, unless otherwise stated in the applicable subpart.

7. For Chromium emission from hard and decorative chromium electroplating and chromium anodizing tanks specified in 40 CFR Part 63, Subpart N, the permit holder shall comply with the requirements of 40 CFR §§ 63.340(b) and 63.345 (Title 30 TAC Chapter 113, Subchapter C, § 113.190 incorporated by reference).

8. The permit holder shall comply with certified registrations submitted to the TCEQ for purposes of establishing federally enforceable emission limits. A copy of the certified registration shall be maintained with the permit. Records sufficient to demonstrate compliance with the established limits shall be maintained. The certified registration and records demonstrating compliance shall be provided, on request, to representatives of the appropriate TCEQ regional office and any local air pollution control agency having jurisdiction over the site. The permit holder shall submit updated certified registrations when changes at the site require establishment of new emission limits. If changes result in emissions that do not remain below major source thresholds, the permit holder shall submit a revision application to codify the appropriate requirements in the permit.

Additional Monitoring Requirements

9. The permit holder shall comply with the periodic monitoring requirements as specified in the attached "Periodic Monitoring Summary" upon issuance of the permit. Except for, as applicable, monitoring malfunctions, associated repairs, and required quality assurance or control activities (including, as applicable, calibration checks and required zero and span adjustments), the permit holder shall conduct all monitoring in continuous operation (or shall collect data at all required intervals) at all times that the pollutant-specific emissions unit is operating. The permit holder may elect to collect monitoring data on a more frequent basis and average the data, consistent with the averaging time specified in the "Periodic Monitoring Summary," for purposes of determining whether a deviation has occurred. However, the additional data points must be collected on a regular basis. In no event shall data be collected and used in particular instances to avoid reporting deviations. Deviations shall be reported according to 30 TAC § 122.145 (Reporting Terms and Conditions).

New Source Review Authorization Requirements

10. Permit holder shall comply with the requirements of New Source Review authorizations issued or claimed by the permit holder for the permitted area, including permits, permits by rule, standard permits, flexible permits, special permits, permits for existing facilities including Voluntary Emissions Reduction Permits and Electric Generating Facility Permits issued under 30 TAC Chapter 116, Subchapter I, or special exemptions referenced in the New Source Review Authorization References attachment. These requirements:

A. Are incorporated by reference into this permit as applicable requirements

B. Shall be located with this operating permit

C. Are not eligible for a permit shield

11. The permit holder shall comply with the general requirements of 30 TAC Chapter 106, Subchapter A or the general requirements, if any, in effect at the time of the claim of any PBR.

12. The permit holder shall maintain records to demonstrate compliance with any emission limitation or standard that is specified in a permit by rule (PBR) or Standard Permit listed in the New Source Review Authorizations attachment. The records shall yield reliable data from the relevant time period that are representative of the emission unit's compliance with the PBR or Standard Permit. These records may include, but are not limited to, production capacity and throughput, hours of operation, material safety data sheets (MSDS), chemical composition of raw materials, speciation of air contaminant data, engineering calculations, maintenance records, fugitive data, performance tests, capture/control device efficiencies, direct pollutant monitoring (CEMS, COMS, or PEMS), or control device parametric monitoring. These records shall be made readily accessible and available as required by 30 TAC § 122.144. Any monitoring or recordkeeping data indicating noncompliance with the PBR or Standard Permit shall be considered and reported as a deviation according to 30 TAC § 122.145 (Reporting Terms and Conditions).

13. The permit holder shall comply with the following requirements for Air Quality Standard Permits:

A. Registration requirements listed in 30 TAC § 116.611, unless otherwise provided for in an Air Quality Standard Permit

B. General Conditions listed in 30 TAC § 116.615, unless otherwise provided for in an Air Quality Standard Permit

C. Requirements of the non-rule Air Quality Standard Permit for Pollution Control Projects

Compliance Requirements

14. The permit holder shall certify compliance in accordance with 30 TAC § 122.146. The permit holder shall comply with 30 TAC § 122.146 using at a minimum, but not limited to, the continuous or intermittent compliance method data from monitoring, recordkeeping, reporting, or testing required by the permit and any other credible evidence or information. The certification period may not exceed 12 months and the certification must be submitted within 30 days after the end of the period being certified.

15. Use of Discrete Emission Credits to comply with the applicable requirements:

A. Unless otherwise prohibited, the permit holder may use discrete emission credits to comply with the following applicable requirements listed elsewhere in this permit:

(i) Title 30 TAC Chapter 115

(ii) Title 30 TAC Chapter 117

(iii) If applicable, offsets for Title 30 TAC Chapter 116

(iv) Temporarily exceed state NSR permit allowables

B. The permit holder shall comply with the following requirements in order to use the credit to comply with the applicable requirements:

(i) The permit holder must notify the TCEQ according to 30 TAC § 101.376(d)

(ii) The discrete emission credits to be used must meet all the geographic, timeliness, applicable pollutant type, and availability requirements listed in 30 TAC Chapter 101, Subchapter H, Division 4

(iii) The executive director has approved the use of the discrete emission credits according to 30 TAC § 101.376(d)(1)(A)

(iv) The permit holder keeps records of the use of credits towards compliance with the applicable requirements in accordance with 30 TAC § 101.372(h) and 30 TAC Chapter 122

(v) Title 30 TAC § 101.375 (relating to Emission Reductions Achieved Outside the United States)

Protection of Stratospheric Ozone

16. Permit holders at a site subject to Title VI of the FCAA Amendments shall meet the following requirements for protection of stratospheric ozone.

A. Any on site servicing, maintenance, and repair on refrigeration and nonmotor vehicle air-conditioning appliances using ozone-depleting refrigerants or non-exempt substitutes shall be conducted in accordance with 40 CFR Part 82, Subpart F. Permit holders shall ensure that repairs on or refrigerant removal from refrigeration and nonmotor vehicle air-conditioning appliances using ozone-depleting refrigerants are performed only by properly certified technicians using certified equipment. Records shall be maintained as required by 40 CFR Part 82, Subpart F.

B. Any on site servicing, maintenance, and repair of fleet vehicle air conditioning using ozone-depleting refrigerants shall be conducted in accordance with 40 CFR Part 82, Subpart B. Permit holders shall ensure that repairs or refrigerant removal are performed only by properly certified technicians using certified equipment. Records shall be maintained as required by 40 CFR Part 82, Subpart B.

C. The permit holder shall comply with 40 CFR Part 82, Subpart D related to the procurement requirements of Class I or Class II (ozone-depleting) substances or products containing those substances as specified in 40 CFR § 82.80 - § 82.86 and the applicable Part 82 Appendices.

D. The permit holder shall comply with 40 CFR Part 82, Subpart F related to the disposal requirements for appliances using Class I or Class II (ozone-depleting) substances or non-exempt substitutes as specified in 40 CFR §§ 82.150 - 82.166 and the applicable Part 82 Appendices.

E. The permit holder shall comply with 40 CFR Part 82, Subpart H related to Halon Emissions Reduction requirements as specified in 40 CFR § 82.250 - § 82.270 and the applicable Part 82 Appendices.

Permit Location

17. The permit holder shall maintain a copy of this permit and records related to requirements listed in this permit on site.

Permit Shield (30 TAC § 122.148)

18. A permit shield is granted for the emission units, groups, or processes specified in the attached "Permit Shield." Compliance with the conditions of the permit shall be deemed compliance with the specified potentially applicable requirements or specified potentially applicable state-only requirements listed in the attachment "Permit Shield." Permit shield provisions shall not be modified by the executive director until notification is provided to the permit holder. No later than 90 days after notification of a change in a determination made by the executive director, the permit holder shall apply for the appropriate permit revision to reflect the new determination. Provisional terms are not eligible for this permit shield. Any term or condition, under a permit shield, shall not be protected by the permit shield if it is replaced by a provisional term or condition or the basis of the term and condition changes.

Attachments

Applicable Requirements Summary

Additional Monitoring Requirements

Permit Shield

New Source Review Authorization References

Applicable Requirements Summary

Note: A "none" entry may be noted for some emission sources in this permit's "Applicable Requirements Summary" under the heading of "Monitoring and Testing Requirements" and/or "Recordkeeping Requirements" and/or "Reporting Requirements." Such a notation indicates that there are no requirements for the indicated emission source as identified under the respective column heading(s) for the stated portion of the regulation when the emission source is operating under the conditions of the specified SOP Index Number. However, other relevant requirements pursuant to 30 TAC Chapter 122 including Recordkeeping Terms and Conditions (30 TAC § 122.144), Reporting Terms and Conditions (30 TAC § 122.145), and Compliance Certification Terms and Conditions (30 TAC § 122.146) continue to apply.

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
336-01-STB	BOILERS/STEAM GENERATORS/STEAM GENERATING UNITS	N/A	60Dc	40 CFR Part 60, Subpart Dc	No changing attributes.
336-01-STB	BOILERS/STEAM GENERATORS/STEAM GENERATING UNITS	N/A	63DDDDD	40 CFR Part 63, Subpart DDDDD	No changing attributes.
336-02-STB	BOILERS/STEAM GENERATORS/STEAM GENERATING UNITS	N/A	60Dc	40 CFR Part 60, Subpart Dc	No changing attributes.
336-02-STB	BOILERS/STEAM GENERATORS/STEAM GENERATING UNITS	N/A	63DDDDD	40 CFR Part 63, Subpart DDDDD	No changing attributes.
336-03-STB	BOILERS/STEAM GENERATORS/STEAM GENERATING UNITS	N/A	60Dc	40 CFR Part 60, Subpart Dc	No changing attributes.
336-03-STB	BOILERS/STEAM GENERATORS/STEAM GENERATING UNITS	N/A	63DDDDD	40 CFR Part 63, Subpart DDDDD	No changing attributes.
336-04-STB	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R1111	30 TAC Chapter 111, Visible Emissions	No changing attributes.
336-04-STB	BOILERS/STEAM GENERATORS/STEAM GENERATING UNITS	N/A	60Dc	40 CFR Part 60, Subpart Dc	No changing attributes.
345-01-SVT	ELECTROPLATING AND ANODIZING UNITS	N/A	63N-1	40 CFR Part 63, Subpart N	No changing attributes.

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
336-01-STB	EU	60Dc	SO_2	40 CFR Part 60, Subpart Dc	§ 60.40c(a)	This subpart applies to each steam generating unit constructed, reconstructed, or modified after 6/9/89 and that has a maximum design heat input capacity of 2.9-29 megawatts (MW).	None	§ 60.48c(g)(1) § 60.48c(g)(2) § 60.48c(g)(3) § 60.48c(i)	[G]§ 60.48c(a) § 60.48c(j)
336-01-STB	EU	60Dc	PM	40 CFR Part 60, Subpart Dc	§ 60.40c(a)	This subpart applies to each steam generating unit constructed, reconstructed, or modified after 6/9/89 and that has a maximum design heat input capacity of 2.9-29 megawatts (MW).	None	§ 60.48c(g)(1) § 60.48c(g)(2) § 60.48c(g)(3) § 60.48c(i)	[G]§ 60.48c(a) § 60.48c(j)
336-01-STB	EU	60Dc	PM (OPACITY)	40 CFR Part 60, Subpart Dc	§ 60.40c(a)	This subpart applies to each steam generating unit constructed, reconstructed, or modified after 6/9/89 and that has a maximum design heat input capacity of 2.9-29 megawatts (MW).	None	§ 60.48c(g)(1) § 60.48c(g)(2) § 60.48c(g)(3) § 60.48c(i)	[G]§ 60.48c(a) § 60.48c(j)
336-01-STB	EU	63DDDDD	112(B) HAPS	40 CFR Part 63, Subpart DDDDD	§ 63.7505 The permit holder shall comply with the applicable limitation, standard and/or equipment specification requirements of 40 CFR Part 63, Subpart DDDDD	The permit holder shall comply with the applicable requirements of 40 CFR Part 63, Subpart DDDDD	The permit holder shall comply with the applicable monitoring and testing requirements of 40 CFR Part 63, Subpart DDDDD	The permit holder shall comply with the applicable recordkeeping requirements of 40 CFR Part 63, Subpart DDDDD	The permit holder shall comply with the applicable reporting requirements of 40 CFR Part 63, Subpart DDDDD

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
336-02-STB	EU	60Dc	SO_2	40 CFR Part 60, Subpart Dc	§ 60.40c(a)	This subpart applies to each steam generating unit constructed, reconstructed, or modified after 6/9/89 and that has a maximum design heat input capacity of 2.9-29 megawatts (MW).	None	§ 60.48c(g)(1) § 60.48c(g)(2) § 60.48c(g)(3) § 60.48c(i)	[G]§ 60.48c(a) § 60.48c(j)
336-02-STB	EU	60Dc	PM	40 CFR Part 60, Subpart Dc	§ 60.40c(a)	This subpart applies to each steam generating unit constructed, reconstructed, or modified after 6/9/89 and that has a maximum design heat input capacity of 2.9-29 megawatts (MW).	None	§ 60.48c(g)(1) § 60.48c(g)(2) § 60.48c(g)(3) § 60.48c(i)	[G]§ 60.48c(a) § 60.48c(j)
336-02-STB	EU	60Dc	PM (OPACITY)	40 CFR Part 60, Subpart Dc	§ 60.40c(a)	This subpart applies to each steam generating unit constructed, reconstructed, or modified after 6/9/89 and that has a maximum design heat input capacity of 2.9-29 megawatts (MW).	None	§ 60.48c(g)(1) § 60.48c(g)(2) § 60.48c(g)(3) § 60.48c(i)	[G]§ 60.48c(a) § 60.48c(j)
336-02-STB	EU	63DDDDD	112(B) HAPS	40 CFR Part 63, Subpart DDDDD	§ 63.7505 The permit holder shall comply with the applicable limitation, standard and/or equipment specification requirements of 40 CFR Part 63, Subpart DDDDD	The permit holder shall comply with the applicable requirements of 40 CFR Part 63, Subpart DDDDD	The permit holder shall comply with the applicable monitoring and testing requirements of 40 CFR Part 63, Subpart DDDDD	The permit holder shall comply with the applicable recordkeeping requirements of 40 CFR Part 63, Subpart DDDDD	The permit holder shall comply with the applicable reporting requirements of 40 CFR Part 63, Subpart DDDDD

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
336-03-STB	EU	60Dc	SO_2	40 CFR Part 60, Subpart Dc	§ 60.40c(a)	This subpart applies to each steam generating unit constructed, reconstructed, or modified after 6/9/89 and that has a maximum design heat input capacity of 2.9-29 megawatts (MW).	None	§ 60.48c(g)(1) § 60.48c(g)(2) § 60.48c(g)(3) § 60.48c(i)	[G]§ 60.48c(a) § 60.48c(j)
336-03-STB	EU	60Dc	PM	40 CFR Part 60, Subpart Dc	§ 60.40c(a)	This subpart applies to each steam generating unit constructed, reconstructed, or modified after 6/9/89 and that has a maximum design heat input capacity of 2.9-29 megawatts (MW).	None	§ 60.48c(g)(1) § 60.48c(g)(2) § 60.48c(g)(3) § 60.48c(i)	[G]§ 60.48c(a) § 60.48c(j)
336-03-STB	EU	60Dc	PM (OPACITY)	40 CFR Part 60, Subpart Dc	§ 60.40c(a)	This subpart applies to each steam generating unit constructed, reconstructed, or modified after 6/9/89 and that has a maximum design heat input capacity of 2.9-29 megawatts (MW).	None	§ 60.48c(g)(1) § 60.48c(g)(2) § 60.48c(g)(3) § 60.48c(i)	[G]§ 60.48c(a) § 60.48c(j)
336-03-STB	EU	63DDDDD	112(B) HAPS	40 CFR Part 63, Subpart DDDDD	§ 63.7505 The permit holder shall comply with the applicable limitation, standard and/or equipment specification requirements of 40 CFR Part 63, Subpart DDDDD	The permit holder shall comply with the applicable requirements of 40 CFR Part 63, Subpart DDDDD	The permit holder shall comply with the applicable monitoring and testing requirements of 40 CFR Part 63, Subpart DDDDD	The permit holder shall comply with the applicable recordkeeping requirements of 40 CFR Part 63, Subpart DDDDD	The permit holder shall comply with the applicable reporting requirements of 40 CFR Part 63, Subpart DDDDD

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
336-04-STB	EP	R1111	OPACITY	30 TAC Chapter 111, Visible Emissions	§ 111.111(a)(1)(B) § 111.111(a)(1)(E) § 111.111(a)(3)	Visible emissions from any stationary vent shall not exceed an opacity of 20% averaged over a six minute period for any source on which construction was begun after January 31, 1972.	[G]§ 111.111(a)(1)(F) ** See Periodic Monitoring Summary	None	None
336-04-STB	EU	60Dc	SO_2	40 CFR Part 60, Subpart Dc	§ 60.40c(a)	This subpart applies to each steam generating unit constructed, reconstructed, or modified after 6/9/89 and that has a maximum design heat input capacity of 2.9-29 megawatts (MW).	None	§ 60.48c(g)(1) § 60.48c(g)(2) § 60.48c(g)(3) § 60.48c(i)	[G]§ 60.48c(a) § 60.48c(j)
345-01-SVT	EU	63N-1	CHROMIUM	40 CFR Part 63, Subpart N	§ 63.342(c)(1)(ii) § 63.342(c)(1) § 63.342(c)(3)(ii) § 63.342(f)(1)(i) § 63.342(f)(1)(ii) § 63.342(f)(1)(iii) [G]§ 63.342(f)(3)(i) § 63.342(f)(3)(ii) § 63.342(f)(3)(vi) § 63.343(a)(5)	If existing source is located at a small, hard chromium electroplating facility, chromium emissions shall be controlled by not allowing the concentration to exceed 0.03 mg/dscm.	§ 63.343(b)(1) § 63.343(c)(2)(i) § 63.343(c)(2)(ii) [G]§ 63.344(a) [G]§ 63.344(b) [G]§ 63.344(c) [G]§ 63.344(d)(2) [G]§ 63.344(d)(4) [G]§ 63.344(d)(5)	§ 63.342(c)(3)(ii) § 63.342(f)(3)(v) § 63.343(c)(2)(ii) [G]§ 63.344(a) § 63.346(a) § 63.346(b) § 63.346(b)(1) § 63.346(b)(10) § 63.346(b)(11) § 63.346(b)(12) § 63.346(b)(15) § 63.346(b)(16) § 63.346(b)(2) § 63.346(b)(3) § 63.346(b)(4) § 63.346(b)(5) § 63.346(b)(6) § 63.346(b)(7) § 63.346(b)(8) § 63.346(b)(9) § 63.346(c)	§ 63.342(f)(3)(iv) [G]§ 63.343(a)(6) [G]§ 63.347(a) [G]§ 63.347(c)(1) [G]§ 63.347(c)(2) [G]§ 63.347(d) [G]§ 63.347(e) [G]§ 63.347(f) [G]§ 63.347(g)

Additional Monitoring Requirements

Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: 336-04-STB	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 111, Visible Emissions	SOP Index No.: R1111
Pollutant: OPACITY	Main Standard: § 111.111(a)(1)(B)
Monitoring Information	
Indicator: Visible Emissions	
Minimum Frequency: once per calendar quarter	
Averaging Period: n/a	
Deviation Limit: Opacity greater than 20% shall be reported.	
Periodic Monitoring Text: Visible emissions observations shall be made and recorded. Note that to properly determine the presence of visible emissions, all sources must be in clear view of the observer. The observer shall be at least 15 feet, but not more than 0.25 miles, away from the emission source during the observation. The observer shall select a position where the sun is not directly in the observer's eyes. If the observations cannot be conducted due to weather conditions, the date, time, and specific weather conditions shall be recorded. When condensed water vapor is present within the plume, as it emerges from the emissions outlet, observations must be made beyond the point in the plume at which condensed water vapor is no longer visible. When water vapor within the plume condenses and becomes visible at a distance from the emissions outlet, the observation shall be evaluated at the outlet prior to condensation of water vapor. If visible emissions are observed, the permit holder shall report a deviation. As an alternative, the permit holder may determine the opacity consistent with Test Method 9, as soon as practicable, but no later than 24 hours after observing visible emissions. If the result of the Test Method 9 is opacity above the opacity limit in the applicable requirement, the permit holder shall report a deviation.	

Permit Shield

Permit Shield

The Executive Director of the TCEQ has determined that the permit holder is not required to comply with the specific regulation(s) identified for each emission unit, group, or process in this table.

Unit/Group/Process		Regulation	Basis of Determination
ID No.	Group/Inclusive Units		
336-01-STB	N/A	40 CFR Part 60, Subpart Db	Heat input capacity is less than or equal to 100 MMBTU/hr
336-02-STB	N/A	40 CFR Part 60, Subpart Db	Heat input capacity is less than or equal to 100 MMBTU/hr
336-03-STB	N/A	40 CFR Part 60, Subpart Db	Heat input capacity is less than or equal to 100 MMBTU/hr
381-01-TVT	N/A	40 CFR Part 60, Subpart Ka	Capacity is less than 40,000 gallons.
382-01-TVT	N/A	40 CFR Part 60, Subpart Ka	Capacity is less than 40,000 gallons.
383-01-TVT	N/A	40 CFR Part 60, Subpart Ka	Capacity is less than 40,000 gallons.
384-01-TVT	N/A	40 CFR Part 60, Subpart Ka	Capacity is less than 40,000 gallons.
385-01-TVT	N/A	40 CFR Part 60, Subpart Ka	Capacity is less than 40,000 gallons.
386-01-TVT	N/A	40 CFR Part 60, Subpart Ka	Capacity is less than 40,000 gallons.
387-01-TVT	N/A	40 CFR Part 60, Subpart Ka	Capacity is less than 40,000 gallons.
392-01-TVT	N/A	40 CFR Part 60, Subpart Ka	Capacity is less than 40,000 gallons.
493-02-FUG	N/A	40 CFR Part 63, Subpart T	Solutions do not contain the listed halogenated solvents.
493-10-STO	N/A	40 CFR Part 63, Subpart T	Solutions do not contain the listed halogenated solvents.
GRP373DYNOS	373-11-STO, 373-12-STO, 373-13-STO, 373-14-STO	40 CFR Part 63, Subpart PPPPP	Engine Test Dynamometers constructed before 5/14/2002.

New Source Review Authorization References

New Source Review Authorization References

The New Source Review authorizations listed in the table below are applicable requirements under 30 TAC Chapter 122 and enforceable under this operating permit.

Prevention of Significant Deterioration (PSD) Permits	
PSD Permit No.: PSDTX1112	Issuance Date: 06/16/2014
PSD Permit No.: PSDTX475M1	Issuance Date: 10/28/2013
Title 30 TAC Chapter 116 Permits, Special Permits, and Other Authorizations (Other Than Permits By Rule, PSD Permits, or NA Permits) for the Application Area.	
Authorization No.: 101432	Issuance Date: 06/14/2013
Authorization No.: 124333	Issuance Date: 11/17/2014
Authorization No.: 17973	Issuance Date: 06/16/2014
Authorization No.: 39616	Issuance Date: 10/28/2013
Authorization No.: 47373	Issuance Date: 05/25/2006
Authorization No.: 8315A	Issuance Date: 10/28/2013
Permits By Rule (30 TAC Chapter 106) for the Application Area	
Number: 106.102	Version No./Date: 11/15/1996
Number: 106.102	Version No./Date: 09/04/2000
Number: 106.123	Version No./Date: 03/14/1997
Number: 106.123	Version No./Date: 09/04/2000
Number: 106.183	Version No./Date: 06/18/1997
Number: 106.183	Version No./Date: 09/04/2000
Number: 106.227	Version No./Date: 03/14/1997
Number: 106.227	Version No./Date: 09/04/2000
Number: 106.261	Version No./Date: 03/14/1997
Number: 106.261	Version No./Date: 11/01/2003
Number: 106.262	Version No./Date: 03/14/1997
Number: 106.262	Version No./Date: 11/01/2003
Number: 106.263	Version No./Date: 11/01/2001
Number: 106.265	Version No./Date: 03/14/1997
Number: 106.265	Version No./Date: 09/04/2000
Number: 106.371	Version No./Date: 03/14/1997
Number: 106.371	Version No./Date: 09/04/2000
Number: 106.375	Version No./Date: 08/04/1998

New Source Review Authorization References

The New Source Review authorizations listed in the table below are applicable requirements under 30 TAC Chapter 122 and enforceable under this operating permit.

Number: 106.375	Version No./Date: 09/04/2000
Number: 106.432	Version No./Date: 03/14/1997
Number: 106.432	Version No./Date: 09/04/2000
Number: 106.433	Version No./Date: 03/14/1997
Number: 106.433	Version No./Date: 09/04/2000
Number: 106.452	Version No./Date: 03/14/1997
Number: 106.452	Version No./Date: 09/04/2000
Number: 106.454	Version No./Date: 03/14/1997
Number: 106.454	Version No./Date: 11/01/2001
Number: 106.478	Version No./Date: 03/14/1997
Number: 106.478	Version No./Date: 09/04/2000
Number: 106.495	Version No./Date: 03/14/1997
Number: 106.495	Version No./Date: 09/04/2000
Number: 106.511	Version No./Date: 03/14/1997
Number: 106.511	Version No./Date: 09/04/2000
Number: 46	Version No./Date: 09/23/1982

New Source Review Authorization References by Emissions Unit

The following is a list of New Source Review (NSR) authorizations for emission units listed elsewhere in this operating permit. The NSR authorizations are applicable requirements under 30 TAC Chapter 122 and enforceable under this operating permit.

Unit/Group/Process ID No.	Emission Unit Name/Description	New Source Review Authorization
336-01-STB	BOILER PLANT COAL/WOOD BOILER #1 EXHAUST STACK	124333, 8315A, PSDTX475M1
336-02-STB	BOILER PLANT COAL/WOOD BOILER #2 EXHAUST STACK	124333, 8315A, PSDTX475M1
336-03-STB	BOILER PLANT COAL/WOOD BOILER #3 EXHAUST STACK	124333, 8315A, PSDTX475M1
336-04-STB	BIOMASS BOILER	101432
345-01-SVT	TANK REPAIR SHOP FUME SCRUBBER EXHAUST STACK	46/09/23/1982
373-11-STO	DYNAMOMETER TEST CELL #11	106.263/11/01/2001
373-12-STO	DYNAMOMETER TEST CELL #12	106.263/11/01/2001
373-13-STO	DYNAMOMETER TEST CELL #13	106.263/11/01/2001
373-14-STO	DYNAMOMETER TEST CELL #14	106.263/11/01/2001
381-01-TVT	ABOVE GROUND GASOLINE STORAGE TANK VENT	106.478/03/14/1997
382-01-TVT	ABOVE GROUND DIESEL STORAGE TANK 17500 GAL VENT	106.478/03/14/1997
383-01-TVT	ABOVE GROUND GASOLINE STORAGE TANK 12000 GAL VENT	106.478/03/14/1997
384-01-TVT	ABOVE GROUND GASOLINE STORAGE TANK (17500 GAL) VEN	106.478/03/14/1997
385-01-TVT	ABOVE GROUND DIESEL STORAGE TANK 12000 GAL VENT	106.478/03/14/1997
386-01-TVT	ABOVE GROUND GASOLINE STORAGE TANK 17500 GAL VENT	106.478/03/14/1997
387-01-TVT	ABOVE GROUND DIESEL STORAGE TANK 13000 GAL VENT	106.478/03/14/1997
392-01-TVT	SOLVENT TANK 10000 GAL VENT	106.478/03/14/1997
493-02-FUG	RIDOLINE CLEANING VATS FUGITIVE	17973
493-10-STO	DRYING VAT EXHUAST STACK	17973

Appendix A

Acronym List

The following abbreviations or acronyms may be used in this permit:

ACFM ..... actual cubic feet per minute
AMOC ..... alternate means of control
ARP ..... Acid Rain Program
ASTM ..... American Society of Testing and Materials
B/PA ..... Beaumont/Port Arthur (nonattainment area)
CAM ..... Compliance Assurance Monitoring
CD ..... control device
COMS ..... continuous opacity monitoring system
CVS ..... closed-vent system
D/FW ..... Dallas/Fort Worth (nonattainment area)
DR ..... Designated Representative
ElP ..... El Paso (nonattainment area)
EP ..... emission point
EPA ..... U.S. Environmental Protection Agency
EU ..... emission unit
FCAA Amendments ..... Federal Clean Air Act Amendments
FOP ..... federal operating permit
GF ..... grandfathered
gr/100 scf ..... grains per 100 standard cubic feet
HAP ..... hazardous air pollutant
H/G/B ..... Houston/Galveston/Brazoria (nonattainment area)
H_2S ..... hydrogen sulfide
ID No. ..... identification number
lb/hr ..... pound(s) per hour
MMBtu/hr ..... Million British thermal units per hour
MRRT ..... monitoring, recordkeeping, reporting, and testing
NA ..... nonattainment
N/A ..... not applicable
NADB ..... National Allowance Data Base
NO_x ..... nitrogen oxides
NSPS ..... New Source Performance Standard (40 CFR Part 60)
NSR ..... New Source Review
ORIS ..... Office of Regulatory Information Systems
Pb ..... lead
PBR ..... Permit By Rule
PM ..... particulate matter
ppmv ..... parts per million by volume
PSD ..... prevention of significant deterioration
RO ..... Responsible Official
SO_2 ..... sulfur dioxide
TCEQ ..... Texas Commission on Environmental Quality
TSP ..... total suspended particulate
TVP ..... true vapor pressure
U.S.C. ..... United States Code
VOC ..... volatile organic compound

Appendix B

Major NSR Summary Table

Permit Number: 17973 and PSDTX1112			Issuance Date: 06/16/2014				
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates (5)		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lb/hr	TPY (4)	Spec. Cond.	Spec. Cond.	Spec. Cond.
323-04-STP and 323-05-STP	Paint Booths	VOC	27.80	*		28	
		$PM_{10}/PM_{2.5}$	0.45	**	7, 11	28, 7, 11	
323A-01-STP and 323A-02-STP	Paint Booths	VOC	28.90	*		28	
		$PM_{10}/PM_{2.5}$	0.45	**	7, 11	28, 7, 11	
323A-01-STP(F) and 323A-02-STP(F)	Paint Booths	VOC	19.20	*		28	
323A-03-STP	Paint Booth	VOC	12.00	*		28	
		$PM_{10}/PM_{2.5}$	0.17	**	7, 11	28, 7, 11	
323A-03-STO	Oven	VOC	9.06	*		28	
		ES	5.56	***		28	
323A-06-STP	Paint Booth	VOC	12.32	*		28	
		$PM_{10}/PM_{2.5}$	0.03	**	7, 11	28, 7, 11	
		ES	5.56	***		28	
323A-08-STP	Paint Booth	VOC	34.49	*		28	
		$PM_{10}/PM_{2.5}$	0.04	**	7, 11	28, 7, 11	
		ES	19.33	***		28	
345-01-STP	Paint Booth	VOC	13.80	*		28	
		$PM_{10}/PM_{2.5}$	0.13	**	7, 11	28, 7, 11	
345-02-STP	Paint Booth	VOC	13.80	*		28	
		$PM_{10}/PM_{2.5}$	0.13	**	7, 11	28, 7, 11	
357-01-STP and 360-01-STP	Paint Booths	VOC	42.10	*		28	
		$PM_{10}/PM_{2.5}$	0.45	**	7, 11	28, 7, 11	
378-01-STP	Paint Booth	VOC	10.32	*		28	
		$PM_{10}/PM_{2.5}$	0.09	**	7, 11	28, 7, 11	
		ES	8.22	***		28	
378-01-STO	Oven	VOC	2.58	*		28	

Major NSR Summary Table

Permit Number: 17973 and PSDTX1112			Issuance Date: 06/16/2014				
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates (5)		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lb/hr	TPY (4)	Spec. Cond.	Spec. Cond.	Spec. Cond.
		$PM_{10}/PM_{2.5}$	2.07	***	7, 11	28, 7, 11	
378-02-STP	Paint Booth	VOC	8.96	*		28	
		$PM_{10}/PM_{2.5}$	0.14	**	7, 11	28, 7, 11	
		ES	16.60	***		28	
378-02-STO	Oven	VOC	2.24	*		28	
		ES	4.15	***		28	
407-01-STP	Paint Booth	VOC	10.00	*		28	
		$PM_{10}/PM_{2.5}$	0.07	**	7, 11	28, 7, 11	
412-01-STF	Blast Booth/Heater Routed to a Dust Collector	$PM_{10}/PM_{2.5}$(6)	0.01	0.04	7, 27	28, 7, 27	
		SO_2	0.001	0.003		28	
		NO_x	0.12	0.54		28	
		CO	0.10	0.45		28	
		VOC(6)	0.01	0.03		28	
		$PM_{10}/PM_{2.5}$	0.001	0.001	7, 27	28, 7, 27	
412-01-STP	Paint Booth/Heater	$PM_{10}/PM_{2.5}$(6)	0.02	0.10	7, 11	28, 7, 11	
		SO_2	0.002	0.01		28	
		NO_x	0.30	1.34		28	
		CO	0.26	1.12		28	
		VOC(6)	0.02	0.07		28	
		VOC	31.36	*		28	
		$PM_{10}/PM_{2.5}$	0.04	**	7, 11	28, 7, 11	
		ES	17.40	***		28	
412-01-STO	Oven	$PM_{10}/PM_{2.5}$(6)	0.01	0.02	7, 11	28, 7, 11	
		SO_2	0.0004	0.002		28	
		NO_x	0.07	0.30		28	
		CO	0.06	0.25		28	

Major NSR Summary Table

Permit Number: 17973 and PSDTX1112			Issuance Date: 06/16/2014				
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates (5)		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lb/hr	TPY (4)	Spec. Cond.	Spec. Cond.	Spec. Cond.
		VOC(6)	0.004	0.02		28	
		VOC	3.12	*		28	
		ES	1.93	***		28	
412-02-STF	Blast Booth/Heater Routed to a Dust Collector	PM10/PM2.5 (6)	0.01	0.04	7, 27	28, 7, 27	
		SO2	0.001	0.003		28	
		NOx	0.12	0.54		28	
		CO	0.10	0.45		28	
		VOC(6)	0.01	0.03		28	
		PM10/PM2.5	0.001	0.001	7, 27	28, 7, 27	
412-02-STP	Paint Booth/Heater	$PM_{10}/PM_{2.5}$ (6)	0.02	0.10	7, 11	28, 7, 11	
		SO_2	0.002	0.01		28	
		NO_x	0.30	1.34		28	
		CO	0.26	1.12		28	
		VOC(6)	0.02	0.07		28	
		VOC	31.36	*		28	
		$PM_{10}/PM_{2.5}$	0.04	**	7, 11	28, 7, 11	
		ES	17.40	***		28	
412-02-STO	Oven	$PM_{10}/PM_{2.5}$ (6)	0.01	0.02	7, 11	28, 7, 11	
		SO_2	0.0004	0.002		28	
		NO_x	0.07	0.30		28	
		CO	0.06	0.25		28	
		VOC(6)	0.004	0.02		28	
		VOC	3.12	*		28	
		ES	1.93	***		28	
412-03-STF	Blast Booth/Heater	$PM_{10}/PM_{2.5}$ (6)	0.01	0.04	7, 27	28, 7, 27	

Major NSR Summary Table

Permit Number: 17973 and PSDTX1112			Issuance Date: 06/16/2014				
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates (5)		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lb/hr	TPY (4)	Spec. Cond.	Spec. Cond.	Spec. Cond.
	Routed to a Dust Collector	SO_2	0.001	0.003		28	
		NO_x	0.12	0.54		28	
		CO	0.10	0.45		28	
		VOC(6)	0.01	0.03		28	
		$PM_{10}/PM_{2.5}$	0.001	0.001	7, 27	28, 7, 27	
412-03-STP	Paint Booth/Heater	$PM_{10}/PM_{2.5}$(6)	0.02	0.10	7, 11	28, 7, 11	
		SO_2	0.002	0.01		28	
		NO_x	0.30	1.34		28	
		CO	0.26	1.12		28	
		VOC(6)	0.02	0.07		28	
		VOC	31.36	*		28	
		$PM_{10}/PM_{2.5}$	0.04	**	7, 11	28, 7, 11	
		ES	17.40	***		28	
412-03-STO	Oven	$PM_{10}/PM_{2.5}$(6)	0.01	0.02	7, 11	28, 7, 11	
		SO_2	0.0004	0.002		28	
		NO_x	0.07	0.30		28	
		CO	0.06	0.25		28	
		VOC(6)	0.004	0.02		28	
		VOC	3.12	*		28	
		ES	1.93	***		28	
412-04-STF	Blast Booth/Heater Routed to a Dust Collector	$PM_{10}/PM_{2.5}$(6)	0.01	0.04	7, 27	28, 7, 27	
		SO_2	0.001	0.003		28	
		NO_x	0.12	0.54		28	
		CO	0.10	0.45		28	
		VOC(6)	0.01	0.03		28	
		$PM_{10}/PM_{2.5}$	0.001	0.001	7, 27	28, 7, 27	

Major NSR Summary Table

Permit Number: 17973 and PSDTX1112			Issuance Date: 06/16/2014				
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates (5)		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lb/hr	TPY (4)	Spec. Cond.	Spec. Cond.	Spec. Cond.
412-04-STP	Paint Booth/Heater	$PM_{10}/PM_{2.5}$(6)	0.02	0.10	7, 11	28, 7, 11	
		SO_2	0.002	0.01		28	
		NO_x	0.30	1.34		28	
		CO	0.26	1.12		28	
		VOC(6)	0.02	0.07		28	
		VOC	31.36	*		28	
		$PM_{10}/PM_{2.5}$	0.04	**	7, 11	28, 7, 11	
		ES	17.40	***		28	
412-04-STO	Oven	$PM_{10}/PM_{2.5}$(6)	0.01	0.02	7, 11	28, 7, 11	
		SO_2	0.0004	0.002		28	
		NO_x	0.07	0.30		28	
		CO	0.06	0.25		28	
		VOC(6)	0.004	0.02		28	
		VOC	3.12	*		28	
		ES	1.93	***		28	
412-05-STF	Blast Booth/Heater Routed to a Dust Collector	$PM_{10}/PM_{2.5}$(6)	0.01	0.04	7, 27	28, 7, 27	
		SO_2	0.001	0.003		28	
		NO_x	0.12	0.54		28	
		CO	0.10	0.45		28	
		VOC(6)	0.01	0.03		28	
		$PM_{10}/PM_{2.5}$	0.001	0.001	7, 27	28, 7, 27	
412-05-STP	Paint Booth/Heater	$PM_{10}/PM_{2.5}$(6)	0.02	0.10	7, 11	28, 7, 11	
		SO_2	0.002	0.01		28	
		NO_x	0.30	1.34		28	
		CO	0.26	1.12		28	
		VOC(6)	0.02	0.07		28	

Major NSR Summary Table

Permit Number: 17973 and PSDTX1112			Issuance Date: 06/16/2014				
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates (5)		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lb/hr	TPY (4)	Spec. Cond.	Spec. Cond.	Spec. Cond.
		VOC	31.36	*		28	
		$PM_{10}/PM_{2.5}$	0.04	**	7, 11	28, 7, 11	
		ES	17.40	***		28	
412-05-STO	Oven	$PM_{10}/PM_{2.5}$ (6)	0.01	0.02	7, 11	28, 7, 11	
		SO_2	0.0004	0.002		28	
		NO_x	0.07	0.30		28	
		CO	0.06	0.25		28	
		VOC(6)	0.004	0.02		28	
		VOC	3.12	*		28	
		ES	1.93	***		28	
412-06-STP	Paint Booth/Heater	$PM_{10}/PM_{2.5}$ (6)	0.04	0.19	7, 11	28, 7, 11	
		SO_2	0.003	0.02		28	
		NO_x	0.58	2.55		28	
		CO	0.49	2.14		28	
		VOC(6)	0.03	0.14		28	
		VOC	14.13	*		28	
		$PM_{10}/PM_{2.5}$	0.01	**	7, 11	28, 7, 11	
		ES	2.15	***		28	
412-06-STO	Oven	$PM_{10}/PM_{2.5}$ (6)	0.02	0.08	7, 11	28, 7, 11	
		SO_2	0.001	0.01		28	
		NO_x	0.25	1.07		28	
		CO	0.21	0.90		28	
		VOC(6)	0.01	0.06		28	
		VOC	13.75	**		28	
		ES	5.88	***		28	
412-07-STP	Paint Booth/Heater	$PM_{10}/PM_{2.5}$ (6)	0.04	0.19	7, 11	28, 7, 11	

Major NSR Summary Table

Permit Number: 17973 and PSDTX1112			Issuance Date: 06/16/2014				
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates (5)		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lb/hr	TPY (4)	Spec. Cond.	Spec. Cond.	Spec. Cond.
		SO_2	0.003	0.02		28	
		NO_x	0.58	2.55		28	
		CO	0.49	2.14		28	
		VOC(6)	0.03	0.14		28	
		VOC	13.01	*		28	
		$PM_{10}/PM_{2.5}$	0.02	**	7, 11	28, 7, 11	
		ES	6.67	***		28	
412-07-STO	Oven	$PM_{10}/PM_{2.5}$(6)	0.02	0.08	7, 11	28, 7, 11	
		SO_2	0.001	0.01		28	
		NO_x	0.25	1.07		28	
		CO	0.21	0.90		28	
		VOC(6)	0.01	0.06		28	
		VOC	13.75	*		28	
		ES	5.88	**		28	
412-08-STP	Paint Booth/Heater	$PM_{10}/PM_{2.5}$(6)	0.04	0.19	7, 11	28, 7, 11	
		SO_2	0.003	0.02		28	
		NO_x	0.58	2.55		28	
		CO	0.49	2.14		28	
		VOC(6)	0.03	0.14		28	
		VOC	14.13	*		28	
		$PM_{10}/PM_{2.5}$	0.01	**	7, 11	28, 7, 11	
		ES	2.15	***		28	
412-09-STP	Paint Booth/Heater	$PM_{10}/PM_{2.5}$(6)	0.04	0.19	7, 11	28, 7, 11	
		SO_2	0.003	0.02		28	
		NO_x	0.58	2.55		28	
		CO	0.49	2.14		28	

Major NSR Summary Table

Permit Number: 17973 and PSDTX1112			Issuance Date: 06/16/2014				
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates (5)		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lb/hr	TPY (4)	Spec. Cond.	Spec. Cond.	Spec. Cond.
		VOC(6)	0.03	0.14		28	
		VOC	13.01	*		28	
		$PM_{10}/PM_{2.5}$	0.02	**	7, 11	28, 7, 11	
		ES	6.67	***		28	
443-01-STP		VOC	13.65	*		28	
		$PM_{10}/PM_{2.5}$	0.06	**	7, 11	28, 7, 11	
493-01-STP and 493-01-STO (two stacks)	Paint Booth	VOC	9.95	*		28	
		$PM_{10}/PM_{2.5}$	0.18	**	7, 11	28, 7, 11	
493-02-SVT	Mechanical Denuder	$PM_{10}/PM_{2.5}$	0.06	0.02	7	28, 7	
493-02-STF	Blast Cleaning Booth Routed to a Dust Collector	$PM_{10}/PM_{2.5}$	0.04	0.12	7, 27	28, 7, 27	
493-02-STO (will be replaced by 493-13-STO)	Two Adhesive Booths	VOC	15.51	*		28	
493-03-STF	Blast Cleaning Booth Routed to a dust Collector	$PM_{10}/PM_{2.5}$	0.04	0.12	7, 27	28, 7, 27	
493-03-STO	Adhesive Booth	VOC	19.60	*		28	
493-04-STF	Blast Cleaning Booth Routed to a dust Collector	$PM_{10}/PM_{2.5}$	0.12	0.14	7, 27	28, 7, 27	
493-05-STF	Blast Cleaning Booth Routed to a dust Collector	$PM_{10}/PM_{2.5}$	0.12	0.14	7, 27	28, 7, 27	

Major NSR Summary Table

Permit Number: 17973 and PSDTX1112			Issuance Date: 06/16/2014				
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates (5)		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lb/hr	TPY (4)	Spec. Cond.	Spec. Cond.	Spec. Cond.
493-10-STO	Ridoline Cleaner and Chromate Conversion Vats	Acid	-	0.03		28	
493-11-STO (will be replaced by 493-12-STO)	Two Drying Ovens	VOC	3.56	*		28	
493-12-STO (will replace 493-11-STO)	Two Ovens	VOC	9.62	*		28	
493-13-STO (will replace 493-02-STO)	Two Adhesive Spray Booths	VOC	42.25	*		28	
		$PM_{10}/PM_{2.5}$	0.003	**	7, 11	28, 7, 11	
495M-01-STO	Fluidized Bed Rubber Denuding System	$PM_{10}/PM_{2.5}$	1.64	3.60	7, 26	28, 7, 15, 18, 26	26
		SO_2	15.50	39.50	26	28, 15, 18, 19, 26	26
		NO_x	21.52	39.30	26	28, 15, 18, 26	26
		CO	18.08	22.70	26	28, 15, 18, 26	26
		VOC	3.90	11.80	26	28, 15, 18, 26	26
		HCl	0.20	0.38	26	28, 15, 18, 26	26
561-01-STF	Blast Booth/Heater Routed to a Dust Collector	$PM_{10}/PM_{2.5}$(6)	0.01	0.04	7, 27	28, 7, 27	
		SO_2	0.001	0.003		28	
		NO_x	0.12	0.54		28	
		CO	0.10	0.45		28	
		VOC(6)	0.01	0.03		28	
		$PM_{10}/PM_{2.5}$	0.001	0.001	7, 27	28, 7, 27	
561-01-STP	Paint Booth/Heater	$PM_{10}/PM_{2.5}$(6)	0.02	0.10	7, 11	28, 7, 11	
		SO_2	0.002	0.01		28	
		NO_x	0.30	1.34		28	
		CO	0.26	1.12		28	
		VOC(6)	0.02	0.07		28	

Major NSR Summary Table

Permit Number: 17973 and PSDTX1112			Issuance Date: 06/16/2014				
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates (5)		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lb/hr	TPY (4)	Spec. Cond.	Spec. Cond.	Spec. Cond.
		VOC	28.03	*		28	
		$PM_{10}/PM_{2.5}$	0.03	**	7, 11	28, 7, 11	
		ES	17.40	***		28	
561-01-STO	Oven	$PM_{10}/PM_{2.5}$	0.01	0.02	7, 11	28, 7, 11	
		SO_2	0.0004	0.002		28	
		NO_x	0.07	0.30		28	
		CO	0.06	0.25		28	
		VOC(6)	0.004	0.02		28	
		VOC	2.75	*		28	
		ES	1.93	***		28	
591-01-STP	Paint Booth	VOC	18.80	*		28	
		$PM_{10}/PM_{2.5}$	0.20	**	7, 11	28, 7, 11	
591-02-STP	Paint Booth	VOC	12.50	*		28	
		$PM_{10}/PM_{2.5}$	0.20	**	7, 11	28, 7, 11	
591-03-STP	Paint Booth	VOC	11.00	*		28	
		$PM_{10}/PM_{2.5}$	0.07	**	7, 11	28, 7, 11	
591-04-STP	Paint Booth	VOC	18.00	*		28	
		$PM_{10}/PM_{2.5}$	0.20	**	7, 11	28, 7, 11	
591-04-STP(F)	Paint Booth	VOC	3.10	*		28	
595-01-STP	Paint Booth	VOC	7.80	*		28	
		$PM_{10}/PM_{2.5}$	0.07	**	7, 11	28, 7, 11	
595-01-VAT	Dip Coating Vat	VOC	2.02	*		28, 7, 11	
595-02-STP	Paint Booth	VOC	8.06	*		28	
		$PM_{10}/PM_{2.5}$	0.07	**	7, 11	28, 7, 11	
595-02-STO	Drying Oven	VOC	3.94	*		28	
595-03-STP	Paint Booth	VOC	4.70	*		28	

Major NSR Summary Table

Permit Number: 17973 and PSDTX1112			Issuance Date: 06/16/2014				
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates (5)		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lb/hr	TPY (4)	Spec. Cond.	Spec. Cond.	Spec. Cond.
		$PM_{10}/PM_{2.5}$	0.07	**	7, 11	28, 7, 11	
595-03-STO	Drying Oven	VOC	3.10	*		28	
595-04-STO	Paint Mixing Room	VOC	0.20	*		28	
595-05-STO	Paint Mixing Room	VOC	0.20	*	7, 11	28, 7, 11	
591-05-VAT	Dip Coating Vat	VOC	6.86	*		28	
595-05-FUG	Dip Coating Vat Fugitives	VOC	0.40	*		28	
595-05-STO1 and 595-05-STO2	Oven	$PM_{10}/PM_{2.5}$ (6)	0.01	0.03	7, 11	28, 7, 11	
		SO_2	0.0005	0.002		28	
		NO_x	0.08	0.34		28	
		CO	0.07	0.29		28	
		VOC(6)	0.004	0.02		28	
		VOC	0.81	*		28	
595-10-VAT	Dip Coating Vat	VOC	2.02	*		28	
939-01-STP	Paint Booth	VOC	7.80	*		28	
		$PM_{10}/PM_{2.5}$	0.07	**	7, 11	28, 7, 11	
1122-01-STP	Paint Booth	VOC	4.70	*		28	
1122-01-STP (F)	Paint Booth	$PM_{10}/PM_{2.5}$	0.07	**	7, 11	28, 7, 11	
		VOC	3.10	*		28	
1130-01-STP, 1130-02-STP, 1130-04-STP, and 1130-04-STP	Paint Booths	VOC	18.80	*		28	
		$PM_{10}/PM_{2.5}$	0.29	**	7, 11	28, 7, 11	
1130-01-STP(F), 1130-02-STP(F), 1130-04-STP(F), and 1130-04-STP(F)	Paint Booths	VOC	12.60	*		28	

Major NSR Summary Table

Permit Number: 17973 and PSDTX1112			Issuance Date: 06/16/2014				
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates (5)		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lb/hr	TPY (4)	Spec. Cond.	Spec. Cond.	Spec. Cond.
11720-1-STP	Paint Booth	VOC	4.70	*		28	
		$PM_{10}/PM_{2.5}$	0.07	**	7, 11	28, 7, 11	
1172-01-STP(F)	Paint Booth	VOC	3.10	*		28	
1184-01-STP	Paint Booth/Heater	$PM_{10}/PM_{2.5}$ (6)	0.01	0.03	7, 11	28, 7, 11	
		SO_2	0.001	0.003		28	
		NO_x	0.10	0.43		28	
		CO	0.08	0.36		28	
		VOC(6)	0.01	0.02		28	
		VOC	21.64	*		28	
		$PM_{10}/PM_{2.5}$	0.02	**	7, 11	28, 7, 11	
		ES	9.66	***		28	
1184-02-STP	Paint Booth/Heater	$PM_{10}/PM_{2.5}$ (6)	0.01	0.03	7, 11	28, 7, 11	
		SO_2	0.001	0.003		28	
		NO_x	0.10	0.43		28	
		CO	0.08	0.36		28	
		VOC(6)	0.01	0.02		28	
		VOC	21.64	*		28	
		$PM_{10}/PM_{2.5}$	0.02	**	7, 11	28, 7, 11	
		ES	9.66	***		28	

Footnotes:

(1) Emission point identification – either specific equipment designation or emission point number from plot plan.
STP - Stack, Paint Booth
SVT - Scrubber Vent
STF - Stack, Bag Filter, Cyclone, or Dust Collector
STO - Stack Other (Adhesive Booth, Fluidized Bed, etc.)
(F) - Fugitive Emissions, no centralized stack or point of emission.

(2) Specific point source name. For fugitive sources, use area name or fugitive source name.
(3) ES - Exempt Solvent: those carbon compounds or mixtures of carbon compounds used as solvents which have been excluded from the definition of volatile organic compound.
VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code 101.1
NOx - total oxides of nitrogen
SO2 - sulfur dioxide
PM10 - total particulate matter equal to or less than 10 microns in diameter, including PM2.5 as represented
PM2.5 - particulate matter equal to or less than 2.5 microns in diameter
CO - carbon monoxide
HCl - hydrogen chloride
(4) Compliance with annual emission limits (tons per year) is based on a 12 month rolling period.
(5) The allowable emission rates include planned maintenance, startup, and shutdown activities.
(6) Combustion emissions
* The combined allowable VOC emission rate for these sources is 315.29 tons per year (tpy).
** The combined allowable $PM_{10}/PM_{2.5}$ emission rate for these sources is 1.59 tpy.
*** The combined allowable ES emission rate for these sources is 64.47 tpy.

Major NSR Summary Table

Permit Number: 8315A and PSDTX475M1			Issuance Date: 10/28/2013				
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates (5)		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lb/hr	TPY (4)	Spec. Cond.	Spec. Cond.	Spec. Cond.
336-01-STB	Boiler Plant Coal/Wood Boiler No. 1 Exhaust Stack	VOC	2.28	9.99		10, 11, 12	
		NOx	42.00	184.00	7	7, 10, 11, 12	7
		SO2	72.00	315.40	4, 7, 8	7, 10, 11, 12	7
		PM	6.00	26.30	7, 9	7, 10, 11, 12, 13	7
		CO	36.00	157.00		10, 11, 12	
336-02-STB	Boiler Plant Coal/Wood Boiler No. 2 Exhaust Stack	VOC	2.28	9.99		10, 11, 12	
		NOx	42.00	184.00	7	7, 10, 11, 12	7
		SO2	72.00	315.40	4, 7, 8	7, 10, 11, 12	7
		PM	6.00	26.30	7, 9	7, 10, 11, 12, 13	7
		CO	36.00	157.00		10, 11, 12	
336-03-STB	Boiler Plant Coal/Wood Boiler No. 3 Exhaust Stack	VOC	2.28	9.99		10, 11, 12	
		NOx	42.00	184.00	7	7, 10, 11, 12	7
		SO2	72.00	315.40	4, 7, 8	7, 10, 11, 12	7
		PM	6.00	26.30	7, 9	7, 10, 11, 12, 13	7
		CO	36.00	157.00		10, 11, 12	

Footnotes:

(1) Emission point identification – either specific equipment designation or emission point number from plot plan.
(2) Specific point source name. For fugitive sources, use area name or fugitive source name.
(3) VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code 101.1
NO - total oxides of nitrogen
SO2 - sulfur dioxide
PM - total particulate matter, suspended in the atmosphere, including PM10 and PM2.5, as represented
PM10 - total particulate matter equal to or less than 10 microns in diameter, including PM2.5, as represented
PM2.5 - particulate matter equal to or less than 2.5 microns in diameter
CO - carbon monoxide
(4) Compliance with annual emission limits (tons per year) is based on a 12 month rolling period.
(5) The allowable emission rates include planned maintenance, startup, and shutdown activities.

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY
AIR QUALITY PERMIT

A Permit Is Hereby Issued To
U.S. Department of the Army
Authorizing the Construction and Operation of
Red River Army Depot
Located at **Texarkana, Bowie County, Texas**
Latitude 33° 32′ 1″ Longitude 94° 39′ 8″

Permits: 17973 and PSDTX1112

Revision Date : June 16, 2014

Renewal Date: July 29, 2023

For the Commission

1. **Facilities** covered by this permit shall be constructed and operated as specified in the application for the permit. All representations regarding construction plans and operation procedures contained in the permit application shall be conditions upon which the permit is issued. Variations from these representations shall be unlawful unless the permit holder first makes application to the Texas Commission on Environmental Quality (commission) Executive Director to amend this permit in that regard and such amendment is approved. [Title 30 Texas Administrative Code 116.116 (30 TAC 116.116)]
2. **Voiding of Permit**. A permit or permit amendment is automatically void if the holder fails to begin construction within 18 months of the date of issuance, discontinues construction for more than 18 months prior to completion, or fails to complete construction within a reasonable time. Upon request, the executive director may grant an 18-month extension. Before the extension is granted the permit may be subject to revision based on best available control technology, lowest achievable emission rate, and netting or offsets as applicable. One additional extension of up to 18 months may be granted if the permit holder demonstrates that emissions from the facility will comply with all rules and regulations of the commission, the intent of the Texas Clean Air Act (TCAA), including protection of the public's health and physical property; and (b)(1)the permit holder is a party to litigation not of the permit holder's initiation regarding the issuance of the permit; or (b)(2) the permit holder has spent, or committed to spend, at least 10 percent of the estimated total cost of the project up to a maximum of $5 million. A permit holder granted an extension under subsection (b)(1) of this section may receive one subsequent extension if the permit holder meets the conditions of subsection (b)(2) of this section. [30 TAC 116.120(a), (b) and (c)]
3. **Construction Progress**. Start of construction, construction interruptions exceeding 45 days, and completion of construction shall be reported to the appropriate regional office of the commission not later than 15 working days after occurrence of the event. [30 TAC 116.115(b)(2)(A)]
4. **Start-up Notification**. The appropriate air program regional office shall be notified prior to the commencement of operations of the facilities authorized by the permit in such a manner that a representative of the commission may be present. The permit holder shall provide a separate notification for the commencement of operations for each unit of phased construction, which may involve a series of units commencing operations at different times. Prior to operation of the facilities authorized by the permit, the permit holder shall identify the source or sources of allowances to be utilized for compliance with Chapter 101, Subchapter H, Division 3 of this title (relating to Mass Emissions Cap and Trade Program). [30 TAC 116.115(b)(2)(B)(iii)]
5. **Sampling Requirements**. If sampling is required, the permit holder shall contact the commission's Office of Compliance and Enforcement prior to sampling to obtain the proper data forms and procedures. All sampling and testing procedures must be approved by the executive director and coordinated with the regional representatives of the commission. The permit holder is also responsible for providing sampling facilities and conducting the sampling operations or contracting with an independent sampling consultant. [30 TAC 116.115(b)(2)(C)]

6. **Equivalency of Methods.** The permit holder must demonstrate or otherwise justify the equivalency of emission control methods, sampling or other emission testing methods, and monitoring methods proposed as alternatives to methods indicated in the conditions of the permit. Alternative methods shall be applied for in writing and must be reviewed and approved by the executive director prior to their use in fulfilling any requirements of the permit. [30 TAC 116.115(b)(2)(D)]
7. **Recordkeeping.** The permit holder shall maintain a copy of the permit along with records containing the information and data sufficient to demonstrate compliance with the permit, including production records and operating hours; keep all required records in a file at the plant site. If, however, the facility normally operates unattended, records shall be maintained at the nearest staffed location within Texas specified in the application; make the records available at the request of personnel from the commission or any air pollution control program having jurisdiction; comply with any additional recordkeeping requirements specified in special conditions attached to the permit; and retain information in the file for at least two years following the date that the information or data is obtained. [30 TAC 116.115(b)(2)(E)]
8. **Maximum Allowable Emission Rates**. The total emissions of air contaminants from any of the sources of emissions must not exceed the values stated on the table attached to the permit entitled "Emission Sources--Maximum Allowable Emission Rates." [30 TAC 116.115(b)(2)(F)]
9. **Maintenance of Emission Control**. The permitted facilities shall not be operated unless all air pollution emission capture and abatement equipment is maintained in good working order and operating properly during normal facility operations. The permit holder shall provide notification for upsets and maintenance in accordance with 30 TAC 101.201, 101.211, and 101.221 of this title (relating to Emissions Event Reporting and Recordkeeping Requirements; Scheduled Maintenance, Startup, and Shutdown Reporting and Recordkeeping Requirements; and Operational Requirements). [30 TAC 116.115(b)(2)(G)]
10. **Compliance with Rules**. Acceptance of a permit by an applicant constitutes an acknowledgment and agreement that the permit holder will comply with all rules, regulations, and orders of the commission issued in conformity with the TCAA and the conditions precedent to the granting of the permit. If more than one state or federal rule or regulation or permit condition is applicable, the most stringent limit or condition shall govern and be the standard by which compliance shall be demonstrated. Acceptance includes consent to the entrance of commission employees and agents into the permitted premises at reasonable times to investigate conditions relating to the emission or concentration of air contaminants, including compliance with the permit. [30 TAC 116.115(b)(2)(H)]
11. **This** permit may not be transferred, assigned, or conveyed by the holder except as provided by rule. [30 TAC 116.110(e)]
12. **There** may be additional special conditions attached to a permit upon issuance or modification of the permit. Such conditions in a permit may be more restrictive than the requirements of Title 30 of the Texas Administrative Code. [30 TAC 116.115(c)]
13. **Emissions** from this facility must not cause or contribute to a condition of "air pollution" as defined in Texas Health and Safety Code (THSC) 382.003(3) or violate THSC 382.085. If the executive director determines that such a condition or violation occurs, the holder shall implement additional abatement measures as necessary to control or prevent the condition or violation.
14. **The** permit holder shall comply with all the requirements of this permit. Emissions that exceed the limits of this permit are not authorized and are violations of this permit.

Special Conditions

Permit Numbers 17973 and PSDTX1112

1. This permit authorizes the operation of surface coating and track and road wheel rebuilding facilities at the Red River Army Depot in Bowie County. This permit covers only those sources of emissions listed on the maximum allowable emission rates table (MAERT), and those sources are limited to the emission limits and other conditions specified in the MAERT. The annual emission limits are based on any consecutive 12-month period.

   This permit does not include the facilities or planned maintenance, startup, or shutdown (MSS) activities at the site specified in Table 1, except as noted in the MAERT. Instead, these facilities are authorized under a permit by rule (PBR) by Title 30 Texas Administrative Code Chapter 106 (30 TAC Chapter 106) or are authorized as a de minimis source by 30 TAC § 116.119. The lists in Table 1 are not intended to be all inclusive and can be altered at the site without modifications to this permit. **(07/13)**

2. The facilities owned or leased by Lear Siegler Services and Red River Army Depot located near Hooks, Texas, have been designated a single property as of June 1, 2001, for purposes of demonstrating compliance with Texas Commission on Environmental Quality (TCEQ) regulations and the control of air emissions. If the owner of Permit Number 17973 seeks a change in emissions of an air contaminant that is or will be common to two or more of the single property designation parties, the owner will perform modeling of all sources for that air contaminant within the designated single property boundary when requested to do so by the Executive Director of the TCEQ. **(07/08)**

3. Emissions from the facility shall comply with 30 TAC § 101.4 regarding odor nuisance as determined using the Frequency, Intensity, Duration, and Offensiveness (FIDO) Chart in the TCEQ's *Odor Complaint Investigation Procedures* (September 18, 2007, or as subsequently updated). **(07/08)**

   A. If an odor nuisance condition is confirmed by personnel from the TCEQ or any air pollution control agency with jurisdiction, a permit amendment application shall be submitted within 60 days to control nuisance-causing emissions either through process controls or additional emission controls (e.g., thermal oxidizer).

   B. Complaints from affected persons of nuisance odors from the facility that are verified by personnel from the TCEQ or any air pollution control agency with jurisdiction shall be the basis for requiring prompt remedial action to eliminate such odors, regardless of whether or not the odors are judged to be of sufficient concentration and duration as to constitute a nuisance.

4. The following restrictions apply to the use of PBRs under 30 TAC Chapter 106: **(07/08)**

A. The PBR of 30 TAC § 106.433 (Surface Coat Facility) may be used to authorize surface coating at the site provided that by February 1 of each year, a permit amendment application is submitted to the TCEQ Office of Air, Air Permits Division that requests incorporation into the permit of all surface coating facilities that were authorized by 30 TAC § 106.433 during the preceding calendar year.

B. The PBR of 30 TAC § 106.452 (Dry Abrasive Cleaning) may not be used to authorize any non-enclosed abrasive blast cleaning at the site.

5. All equipment authorized by this permit that has the potential of emitting air contaminants shall be physically identified and marked in a conspicuous location with its associated emission point number (EPN) as listed on the MAERT.

Fuel Specifications

6. Fuel for the ovens and booth heaters is limited to pipeline-quality, sweet natural gas as supplied by the gas distributor. **(07/08)**

Operating Limitations

7. The opacity shall not exceed five percent averaged over a six-minute period from each stack or vent. This determination shall be made by first observing for visible emissions while each facility is in operation. Observations shall be made at least 15 feet and no more than 0.25 miles from the emission point(s). Up to three emissions points may be read concurrently, provided that all three emissions points are within a 70 degree viewing sector or angle in front of the observer such that the proper sun position (at the observer's back) can be maintained for all three emission points. If visible emissions are observed from an emission point, then the opacity shall be determined and documented within 24 hours for that emission point using Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60), Appendix A, Test Method 9. Contributions from uncombined water shall not be included in determining compliance with this condition. Observations shall be performed and recorded quarterly. If the opacity exceeds five percent, corrective action to eliminate the source of visible emissions shall be taken promptly and documented within one week of first observation. **(10/12)**

8. In addition to the materials represented in the permit amendment application dated December 2007, other materials/air contaminants that meet all of the following conditions are allowed. **(10/12)**

A. The new materials shall serve the same basic function, and the emissions shall be from the same emission point as the emissions from the current materials.

B. All the ingredients of the new or replacement compound/product are known (i.e., the weight percentages of the ingredients add to 100 percent or more).

C. Any air contaminant ingredient in the new material is exempt from Special Condition Nos. 8D and 8E if:

(1) it is emitted at a rate and has a short-term effects screening level (ESL) and an annual ESL as stated in the following table; or

Emission Rate (lbs/hr)	Short-term ESL ($\mu g/m^3$)	Annual ESL ($\mu g/m^3$)
≤ 0.04	≥ 2 and < 500	≥ 0.2 and < 50
≤ 0.10	≥ 500 and < 3,500	≥ 50 and < 350
≤ 0.40	≥ 3,500	≥ 350

(2) it has a true vapor pressure at 68˚F of less than 0.01 mm Hg, and it is not sprayed.

D. For all other new or increased air contaminants, the following procedure shall be completed to determine if the short-term impacts are acceptable:

(1) Determine the emission rate of each air contaminant ingredient, including emissions of the same air contaminant (if an existing air contaminant) from currently authorized materials that may be emitted at the site.

(2) Multiply the emission rate of the air contaminant by the unit impact multiplier (in $\mu g/m^3$ per lb/hr) for each emission point from the attached table entitled "Table 2 - Site-Wide Generic Modeling Results for Health Effects" to determine the off-property impact (Ground Level Concentration [GLC]) for each emission point. **(07/13)**

(3) Sum the impacts from each emission point/emission point group to determine a total short-term off-property impact (Total GLC_{MAX}) for the new or existing air contaminant.

(4) Compare the total off-property impact to the short-term ESL for the air contaminant as shown below to determine if it less than or equal to the ESL:

Total $GLC_{MAX} \leq ESL_{SHORT}$

Where:

Total GLC_{MAX} = the sum of the short-term GLCs from each emission point.

ESL_{SHORT} = the short-term ESL of new or existing ingredient air contaminant from the most current ESL list published by the TCEQ or as specifically derived by TCEQ Toxicology Division. The ESL shall be obtained in writing prior to the use of the new or increased air contaminant.

E. For all other new or increases in existing air contaminants, the following procedure shall be completed to determine if the annual impacts are acceptable.

(1) Multiply the total off-property impact (Total GLC_{MAX}) determined in Special Condition No. 8D(3) by 0.08 to determine an annual off-property impact (Annual GLC_{MAX}) for the new or existing air contaminant.

(2) Compare the annual off-property impact to the annual ESL for the air contaminant as shown below to determine if it less than or equal to the ESL.

Annual $GLC_{MAX} \leq ESL_{ANNUAL}$

Where:

ESL_{ANNUAL} = the annual ESL of the new or existing ingredient air contaminant from the most current ESL list published by the TCEQ or as specifically derived by TCEQ Toxicology Division.

F. The short-term or annual emission rates from new or existing air contaminants shall not cause any increases in the short-term or annual emission rates as listed on the MAERT.

G. Calculation of emission rates shall be based upon the methodology used to develop the hourly emission rates in the MAERT, except that the revised transfer efficiencies, particulate matter (PM) fallout factors, and flashoff shall be used in calculating the emission rates for the specific EPNs shown in the revised calculations dated February 29, 2008.

9. The table entitled “Table 3 - Stack Parameters and Material Usage Rates” (SPMUR)

indicates the minimum stack heights above ground-level and the maximum material usage rates for those emission points listed. The exhaust stacks that are indicated as "vertical" shall vent vertically and without any obstructions that might deflect the flow in a direction other than vertical. **(07/13)**

Painting Facilities

10. Excluding EPNs 595-01-VAT, 595-05-VAT, and 595-10-VAT, the paint application systems associated with the emission points listed on the SPMUR shall be airless or high-volume, low-pressure (HVLP), except that airbrushes, aerosol cans, or brushes may be used for touchup. **(07/10)**

11. All paint booth exhaust stacks associated with the emission points listed on the SPMUR shall be equipped with filters that achieve an arrestance of at least 98.72 percent for all particle sizes. These filters shall be maintained in good condition at all times and changed as necessary. Manufacturer's recommended replacement criteria shall be posted at each paint booth and followed. **(07/08)**

    A. The following requirements apply to EPNs 323A-06-STP, 323A-08-STP, 378-01-STP, 378-02-STP, 412-01-STP, 412-02-STP, 412-03-STP, 412-04-STP, 415-05-STP, 412-06-STP, 412-07-STP, 412-08-STP, 412-09-STP, 443-01-STP, 493-13-STO, and 561-01-STP: **(10/12)**

        (1) Each booth shall be equipped with a system to measure the pressure drop across the filter media in inches of water column.

        (2) Differential pressure gauge readings shall be taken at least once per week.

        (3) The filter media shall be changed whenever the pressure differential across the media exceeds the limits recommended by the filter media manufacturer.

    B. The following requirements apply to the surface coating EPNs not listed in Special Condition No. 11A:

        (1) The booth filters shall be inspected at least once per day.

        (2) The filter media shall be changed whenever a visual inspection of the general appearance/condition of the filters gives reason to believe that the pressure differential across the media exceeds the limits recommended by the filter media manufacturer.

        (3) For each booth, the name of the person conducting the inspection, the

condition of the filters, the date of the inspection, and the date of filter replacement shall be recorded.

12. Each Dip Coating Vat (EPNs 595-01-VAT, 595-05-VAT, and 595-10-VAT) shall be equipped with a cover that is kept closed except during dip coating activities. **(07/08)**

13. All coating operations (including cleanup) shall be conducted only while the items remain within a paint booth with the respective exhaust fans and filter system operating properly. The paint booth exhaust fans shall operate during and for a minimum of one hour after any use of paint and/or cleanup solvents in that paint booth. **(07/08)**

Track and Road Wheel Rebuild Facility

14. Rubber dust and smoke from the mechanical denuding system shall exhaust into a multiple venturi water scrubber. This scrubber shall maintain a pressure drop of at least 14 inches of water. In addition, the scrubber shall maintain a capture efficiency of at least 97 percent for particles greater than 1 micron in size.

Fluidized Bed Rubber Denuding System (RDS) (EPN 495M-01-STO)

15. An operator, maintainer training, and certification program shall be established at this facility. This program shall be based on materials provided by the equipment vendors. A list of all trained and certified operators shall be maintained on-site and available for inspection. Only trained and certified personnel shall be allowed to operate or maintain the RDS.

16. Auxiliary fuel for the RDS shall be limited to pipeline-quality, sweet natural gas as supplied by the gas distributor. **(07/10)**

17. The RDS shall not be charged with rubber material unless the primary and secondary chambers have been preheated. In addition, the lime injection system and the baghouse must be operational before charging. **(01/04)**

18. The feed rate of combustible material to the RDS shall not exceed 1106.4 lbs/hr total for the two independent lines, or a total of 8,093,843 pounds per consecutive 12-month period. **(06/07)**

19. Either Material Safety Data Sheets (MSDS) or sampling results for sulfur content shall be provided for all rubber materials to be combusted. Previously sampled sources shall be monitored for sulfur content on an annual basis.

20. If the sulfur content as indicated by the MSDS or sampling results is greater than 1.92 percent, then the feed rate of dry lime to the fluidized bed of the RDS shall be at a minimum ratio of 0.55 pound of lime for each 4 pounds of rubber material to be combusted.

21. The RDS shall be equipped with an afterburner automatically controlled to operate with a minimum temperature of 1500°F and a gas retention time of 1.0 second or longer.

22. The in-stack concentration of carbon monoxide (CO) from the RDS shall not exceed 150 parts per million by volume (ppmv) dry, corrected to 7 percent oxygen (O_2) averaged over a one-hour period.

23. The in-stack concentration of O_2 from the RDS shall be maintained at or above 110,000 ppmv dry (11 percent), averaged over a one-hour period.

24. An on-site inventory of key thermocouples shall be maintained to replace these components on a periodic basis as recommended by the vendor.

25. Manufacturer's recommended operating instructions shall be posted in close proximity to the RDS unit, and the unit shall be operated in accordance with those instructions.

26. Within 90 days of a request from the TCEQ Tyler Regional Office, stack sampling and other testing of the RDS shall be performed to establish hourly emissions rates of nitrogen oxide (NO_x), CO, hydrogen chloride (HCl), sulfur dioxide (SO_2), particulate matter equal to or less than 10 microns in diameter (PM_{10}), and volatile organic compounds (VOC) to demonstrate compliance with the limits specified in the MAERT. Sampling must be conducted in accordance with appropriate procedures of the TCEQ Sampling Procedures Manual and in accordance with 40 CFR Part 60, Appendix A, Test Method 9 for opacity, Test Method 10 for CO, Test Method 7E for NO_x, and Test Method 3 for O_2 or equivalent methods. The permittee is responsible for providing sampling and testing facilities and conducting the sampling and testing operation, and associated expenses. **(07/08)**

    A. As soon as testing is scheduled but no more than 30 days after the date of the TCEQ Tyler Regional Office's stack sampling request, the TCEQ Tyler Regional Office shall be contacted to schedule a pretest meeting at least 30 days in advance of sampling. The notice shall include:

        (1) Date for pretest meeting.
        (2) Date sampling will occur.
        (3) Name of firm conducting sampling.
        (4) Type of sampling equipment to be used.
        (5) Method or procedure to be used in sampling.

The purpose of the pretest meeting is to review the necessary sampling and testing procedures, to provide the proper data forms for recording pertinent data, and to review the format procedures for submitting the test reports.

A written proposed description of any deviation from sampling procedures specified in permit conditions or the TCEQ or the EPA sampling procedures shall be made available to the TCEQ prior to the pretest meeting. The TCEQ Regional Director shall approve or disapprove of any deviation from specified sampling procedures. **(07/10)**

Requests to waive testing for any pollutant emitted from the RDS (EPN 495M-01 STO) shall be submitted to the TCEQ Office of Air, Air Permits Division. Test waivers and alternate/equivalent procedure proposals for New Source Performance Standards testing which must have the EPA approval shall be submitted to the TCEQ Office of Air, Air Permits Division in Austin.

B. The air contaminants emitted from the RDS to be tested for include (but are not limited to) NO_x, CO, HCl, SO_2, PM_{10}, VOC, and opacity. If the RDS is unable to reach the maximum firing rate during testing, then future firing may be limited to the highest firing rate achieved during testing. Furthermore, if the RDS is unable to comply with the emission limits of this permit for any or all of the pollutants of this permit while operating at maximum firing during the test, then future firing will be limited to the maximum emissions-complying firing tested. Additional stack testing may be required for higher firing outside the emissions-complying maximum achieved during the test to be authorized.

C. For test purposes only, the RDS may be operated outside its proposed firing rates during the stack test. This shall be solely for the purpose of determining the compliance firing rates of the RDS. Exceedances of the MAERT and Special Condition Nos. 18 and 21 which may occur during this testing shall not be a violation of this permit. The emission limitations of the MAERT and Special Condition Nos. 18 and 21 are applicable at all other times.

D. Requests for additional time to perform stack sampling shall be submitted to the TCEQ Tyler Regional Office. Additional time to comply with the applicable requirements of 40 CFR Part 60 requires EPA approval, and requests shall be submitted to the TCEQ Office of Air, Air Permits Division in Austin.

E. Two copies of the final sampling report shall be forwarded to the TCEQ within 60 days after sampling is completed. Sampling reports shall comply with the attached provisions of Chapter 14 of the TCEQ Sampling Procedures Manual. The reports shall be distributed as follows:

One copy to the TCEQ Tyler Regional Office.
One copy to the Office of Air, Air Permits Division, Combustion and Coatings Section, in Austin.

Abrasive Blasting Facilities

27. Abrasive blasting operations have the following operating restrictions: **(07/08)**

A. Authorized dry abrasive blast media include steel shot, garnet, and plastic. Blast media other than steel shot, garnet, and plastic may be used provided that it does not contain:

(1) asbestos;

(2) crystalline silica equal to or greater than 1.0 percent by weight; or

(3) metal(s) having a short-term ESL less than 50 $\mu g/m^3$ as published in the TCEQ's most current ESL list.

B. For EPNs 412-01-STF, 412-02-STF, 412-03-STF, 412-04-STF, 412-05-STF, and 561-01-STF, emissions shall be routed to a cartridge filter unit with a control efficiency of at least 99.99 percent for PM of sizes 0.5 micron and greater. **(07/10)**

C. For EPNs 493-02-STF, 493-03-STF. 493-04-STF, and 493-05-STF, emissions shall be routed to a cartridge filter unit with a control efficiency of at least 97 percent for PM of sizes 0.5 micron to 1.0 micron and at least 99.9 percent for PM of sizes greater than 1.0 micron.

D. Each abrasive blast unit shall be equipped with a system to measure the pressure drop across the filter media in inches of water column.

E. Differential pressure gauge readings shall be taken at least once per week.

F. The cartridge filter media shall be changed whenever the pressure differential across the media exceeds the limits recommended by the filter media manufacturer.

Recordkeeping

28. General Condition No. 7 regarding information and data to be maintained on file is supplemented as follows:

    A. Material Safety Data Sheets for all paints, primers, solvents, thinners, reducers, road wheel, track rubber compounds, adhesives, and other coating materials currently in use, and those in use for the two previous years.

    B. Data of daily and year-to-date usage of all coatings, solvents, reducers, and adhesives in gallons on an emission point-by-emission point basis.

    C. Hours of actual operation on a daily basis of each process associated with the emission points listed on the SPMUR including (but not limited to) paint and adhesive booths, abrasive, solvent, and chemical parts cleaning operations as well as the associated rubber operations.

    D. The data in Paragraphs B and C above shall be used to produce the following reports each month:

        (1) Emission rates of VOC and exempt solvent (ES), in lbs/hr for each process emission point listed on the SPMUR.

        (2) Emission rate of VOC and ES in tons per year for the previous 12-months on a rolling basis for the emission points listed on the SPMUR.

    E. Records shall be maintained of the following data regarding the RDS (EPN 495M-01-STO):

        (1) All hours of RDS operation while combusting rubber.

        (2) The amount of dry lime injected on an hourly basis.

        (3) Daily quantity of supplemental fuel used by the RDS.

        (4) The amount by weight of rubber fed to the RDS on an hourly basis.

        (5) Data collected in Special Condition No. 28E(1) through (4) shall be summarized monthly.

        (6) Logs of all unplanned maintenance, startup, or shutdown activities.

        (7) The continuously recorded secondary chamber temperature.

    F. For abrasive blasting (EPNs 412-01-STF, 412-02-STF, 412-03-STF, 412-04-

STF, 412-05-STF, 493-02-STF, 493-03-STF, 493-04-STF, 493-05-STF, and 561-01-STF), records shall be maintained of the following: **(07/10)**

(1) Daily pounds of each blast media used at each EPN.

(2) Daily hours of operation of each EPN.

(3) Data collected in Special Condition No. 28F(1) and (2) shall be used to produce a monthly report that reflects abrasive blast media usage rate in lbs/hr as a monthly average, emissions in lbs/hr as a monthly average, and emissions in tons per year over the previous 12 months.

G. Records and calculations demonstrating compliance with Special Condition No. 8 for the introduction of any new materials. **(07/08)**

H. Manufacturer's documentation on particulate matter control efficiency for all filters and procedures for following the manufacturer's recommended filter replacement. **(07/08)**

I. Field records of either quarterly opacity observations as prescribed in 40 CFR Part 60, Appendix A, Test Method 9 or of visible emissions observations. **(07/08)**

J. Records of the differential pressure gauge readings specified in Special Condition Nos. 11A and 27. **(07/08)**

K. Records of the filter inspections and replacement as specified in Special Condition No. 11B. **(07/08)**

L. A copy of each test report documenting the hourly emissions rates of NO_x, CO, HCl, SO_2, PM_{10}, and VOC from the RDS. These test reports shall be retained on-site for the life of the RDS. **(07/08)**

M. All records shall be maintained for at least five years rather than the two-year period specified in General Condition No. 7. **(06/14)**

N. The records required by this permit may be maintained in hard copy or electronic format. **(07/08)**

Pollution Prevention

29. A routine program shall be established and performed to ensure minimization of fugitive emissions from the emission points authorized by this permit. The program shall include (but not be limited to) the following:

    A. The abrasive blast cleaning areas and the weld and scarf areas shall be swept and cleaned daily to minimize particulate emissions.

    B. The PM trapped in the dust collectors, spray booth filters, and the RDS baghouse shall be contained in such a way that, when removed from the collector, filters, or baghouse or stored awaiting disposal or upon disposal, it shall not be allowed to escape into the atmosphere.

    C. When the spray booth floors are scraped and cleaned, the overspray shall be stored and disposed of in such a manner that it shall not be allowed to escape into the atmosphere.

    D. All VOC and ES spills shall be cleaned up immediately and the waste materials, rags, and other absorbent materials shall be stored in sealed containers until removed from the site by a licensed disposal service. **(07/10)**

    E. All waste solvents shall be stored in sealed containers until removed from the site by a licensed disposal service.

    F. All paint gun cleanup shall be performed by discharging the cleaning thinner into closed containers.

Dated June 16, 2014

Table 1
Planned MSS Activities and Authorizations

Permit By Rule Facilities (30 TAC Chapter 106)	
Facility	Authorization
Aerosol can puncturing, recycling, and disposal	§ 106.261 and/or § 106.262 (PBR Registration No. 100738)
Two dust collectors, a cyclone, and one electric heat treat oven	§ 106.262 (PBR Registration No. 39086)
33 Fuel storage tanks	§ 106.478 (PBR Registration No. 38638)
Emergency engines	§ 106.511
Enclosed abrasive blasting cleaning operations	§ 106.452(1) (PBR Registration No. 38639)
Baghouse/dust collector/filter system for facilities authorized by PBR	§ 106.262, and § 106.452 (PBR Registration Nos. 38639 and 39086)
Baghouse/dust collector/filter system for facilities authorized in this permit and Permit Nos. 8315A and PSDTX475M1	§ 106.263(c)(1)
Maintenance, startup, and shutdown of portable and emergency engines and turbines authorized by a PBR	§ 106.511
Maintenance, startup, and shutdown of storage tanks authorized by a PBR	§ 106.478 (PBR Registration No. 38638)
Welding, soldering, and brazing equipment	§ 106.227
Routine maintenance activities which are planned and predictable and ensure the continuous normal operation of a facility or control device or return a facility or control device to normal operating conditions	§ 106.263(c)(1)
Manually operated and hand-held equipment	§ 106.265
Routine maintenance, startup, and shutdown of facilities and temporary maintenance facilities	§ 106.263(c)(3)

Permit By Rule Facilities (30 TAC Chapter 106)	
Facility	Authorization
Blasting, painting, and surface preparation of immoveable fixed structures	§ 106.263(c)(3)(A)

De Minimis Facilities (30 TAC Chapter 116)	
Source or Activity	Authorization
Equipment used exclusively for steam cleaning of fabrics, plastics, rubber, wood, or vehicle engines or drive trains	§ 116.119(a)(1)
Application of aqueous detergents, surfactants, and other cleaning solutions containing not more than one percent of any organic compound by weight	§ 116.119(a)(1)
Glove box/self-contained abrasive blasting	§ 116.119(a)(1)
Manual application of cleaning or stripping solutions or coatings	§ 116.119(a)(1)
Usage of organic chemicals including lubricants, greases, and oils without propellants other than air or nitrogen for maintaining equipment	§ 116.119(a)(1)
Office equipment maintenance and cleaning (printers, copiers, etc.)	§ 116.119(a)(1)
Comfort air conditioning or comfort ventilation systems which are not used to remove air contaminants generated by or released from specific units or equipment	§ 116.119(a)(1)
Maintenance of equipment used for hydrostatic testing	§ 116.119(a)(1)
Application of lubricants for maintaining equipment	§ 116.119(a)(1)
Application of argon, ethane, helium, hydrogen, methane, neon, nitrogen, and propane for testing, purging, and leak checking of equipment	§ 116.119(a)(1)

Dated June 16, 2014

Table 2
Site-Wide Generic Modeling Results for Health Effects

EPN*	AERMOD Source ID	Emission Point Name	Averaging Time	GLCmax ($\mu g/m^3$ per lb/hr)
323-04-STP	32304P	Paint Booth	1-hr	19.7
323-05-STP	32305P	Paint Booth	1-hr	14.8
323A-01-STP	323A01P	Paint Booth	1-hr	6.5
323A-01-STP(F)	323A01PF	Paint Booth Fugitives	1-hr	32.2
323A-02-STP	323A02P	Paint Booth	1-hr	6.9
323A-02-STP(F)	323A02PF	Paint Booth Fugitives	1-hr	32.2
323A-03-STP	323A03P	Paint Booth	1-hr	18.3
323A-03-STO	323A03O	Drying Oven (2 Stacks)	1-hr	110.8
323A-06-STP	323A06P	Paint Booth	1-hr	25.3
323A-08-STP	323A08P	Paint Booth	1-hr	19.3
345-01-STP	34501P	Paint Booth	1-hr	12.1
345-02-STP	34502P	Paint Booth	1-hr	12.3
357-01-STP	35701P	Paint Booth	1-hr	11.6
360-01-STP	36001P	Paint Booth	1-hr	10.8
378-01-STP	----	Paint Booth	1-hr	10.5
378-01-STO	----	Drying Oven	1-hr	6.1
378-02-STP	----	Paint Booth	1-hr	10.5
378-02-STO	----	Drying Oven	1-hr	6.1
407-01-STP	40701P	Paint Booth	1-hr	27.8
412-01-STF	41201F	Blast Booth/Heater Routed to a Dust Collector	1-hr	50.2
412-01-STP	41201P	Paint Booth/Heater	1-hr	8.7
412-01-STO	41201O	Drying Oven	1-hr	14.0
412-02-STF	41202F	Blast Booth/Heater Routed to a Dust Collector	1-hr	50.6
412-02-STP	41202P	Paint Booth/Heater	1-hr	8.7
412-02-STO	41202O	Drying Oven	1-hr	13.4
412-03-STF	41203F	Blast Booth/Heater Routed to a Dust Collector	1-hr	62.3
412-03-STP	41203P	Paint Booth/Heater	1-hr	8.7
412-03-STO	41203O	Drying Oven	1-hr	17.6

EPN*	AERMOD Source ID	Emission Point Name	Averaging Time	GLCmax ($\mu g/m^3$ per lb/hr)
412-04-STF	41204F	Blast Booth/Heater Routed to a Dust Collector	1-hr	55.3
412-04- STP	41204P	Paint Booth/Heater	1-hr	8.7
412-04-STO	41204O	Drying Oven	1-hr	16.9
412-05-STF	41205F	Blast Booth/Heater Routed to a Dust Collector	1-hr	55.3
412-05-STP	41205P	Paint Booth/Heater	1-hr	8.8
412-05-STO	41205O	Drying Oven	1-hr	15.8
412-06-STP	41206P	Paint Booth/Heater	1-hr	9.5
412-06-STO	41206O	Drying Oven	1-hr	37.3
412-07-STP	41207P	Paint Booth/Heater	1-hr	9.4
412-07-STO	41207O	Drying Oven	1-hr	41.3
412-08-STP	41208P	Paint Booth/Heater	1-hr	9.3
412-09-STP	41209P	Paint Booth/Heater	1-hr	9.6
443-01-STP	----	Paint Booth	1-hr	9.3
493-01-STP	49301P	Paint Booth	1-hr	12.9
493-01-STO	49301O	Drying Oven and Flashoff (2 Stacks)	1-hr	16.0
493-03-STO **(12/12)**	49303O	Adhesive Booth	1-hr	13.6
493-12-STO	49312O	Two Cure Ovens	1-hr	19.4
493-13-STO	49313O	Two Adhesive Booths	1-hr	19.4
561-01-STP	56101P	Paint Booth/Heater	1-hr	16.2
561-01-STO	56101O	Drying Oven	1-hr	14.8
561-01-STF	56101F	Blast Booth/Heater Routed to a Dust Collector	1-hr	25.4
591-01-STP	59101P	Paint Booth	1-hr	16.5
591-02-STP	59102P	Paint Booth	1-hr	19.3
591-03-STP	59103P	Paint Booth	1-hr	17.9
591-04-STP	59104P	Paint Booth	1-hr	15.6
591-04-STP(F)	59104PF	Paint Booth Fugitives	1-hr	155.1
595-01-STP	59501P	Paint Booth	1-hr	8.7
595-01-VAT	59501VAT	Dip Coating Vat	1-hr	22.6
595-02-STP	59502P	Paint Booth	1-hr	7.9
595-02-STO	59502O	Drying Oven	1-hr	7.3
595-03-STP	59503P	Paint Booth	1-hr	8.0
595-03-STO	59503O	Drying Oven	1-hr	8.6

EPN*	AERMOD Source ID	Emission Point Name	Averaging Time	GLCmax (µg/m³ per lb/hr)
595-04-STO	59504O	Paint Mixing Room	1-hr	10.6
595-05-STO	59505O	Paint Mixing Room	1-hr	11.6
595-05-STO1	59505O1	Cure Oven	1-hr	11.0
595-05-VAT	59505VAT	Dip Coating Vat	1-hr	7.9
595-05-FUG	59505FUG	Dip Coating Vat Fugitives	1-hr	47.9
595-10-VAT	59510VAT	Dip Coating Vat	1-hr	16.1
939-01-STP	93901P	Paint Booth	1-hr	14.2
1122-01-STP	112201P	Paint Booth	1-hr	5.6
1122-01-STP(F)	112201PF	Paint Booth Fugitives	1-hr	8.1
1130-01-STP	113001P	Paint Booth	1-hr	6.0
1130-01-STP(F)	113001PF	Paint Booth Fugitives	1-hr	8.3
1130-02-STP	113002P	Paint Booth	1-hr	6.0
1130-02-STP(F)	113002PF	Paint Booth Fugitives	1-hr	8.3
1130-03-STP	113003P	Paint Booth	1-hr	6.0
1130-03-STP(F)	113003PF	Paint Booth Fugitives	1-hr	8.3
1130-04-STP	113004P	Paint Booth	1-hr	6.0
1130-04-STP(F)	113004PF	Paint Booth Fugitives	1-hr	8.3
1172-01-STP	117201P	Paint Booth	1-hr	14.1
1172-01-STP(F)	117201PF	Paint Booth Fugitives	1-hr	21.8
1184-01-STP	118401P	Paint Booth/Heater	1-hr	15.1
1184-02-STP	118402P	Paint Booth/Heater	1-hr	15.2
LSI-333-01-STP	LSI33301	Lear Siegler STK 1 (LSI 333-01 & 02 STP)	1-hr	24.5
LSI-333-01-STP	LSI33302	Lear Siegler STK 2 (LSI 333-03 & 04 STP)	1-hr	25.3

* (F) denotes fugitive emissions.

Dated: June 16, 2014

Table 3
Stack Parameters and Material Usage Rates Table

EPN	Maximum Hourly Coating Usage (gallons/hour)	Maximum Daily Hours of Operation* (hours/day)	Stack Height (feet)	Vertical Discharge?
323-04-STP **(06/14)**		24.00	65.00	Yes
323-05-STP **(06/14)**		24.00	65.00	Yes
323-04-STP and 323-05-STP	4.00			
323A-01-STP		9.00*	38.00	Yes
323A-02-STP		9.00*	38.00	Yes
323A-01-STP and 323A-02-STP	8.00			
323A-03-STP		24.00	43.00	Yes
323A-03-STO		24.00	16.00 (2 stacks)	No
323A-03-STP and 323A-03-STO	2.30			
323A-06-STP	2.30	24.00	42.00	Yes
323A-08-STP	4.00	24.00	42.00	Yes
345-01-STP	2.30	11.00	52.00	Yes
345-02-STP	2.30	24.00	52.00	Yes
357-01-STP		24.00	37.00	Yes
360-01-STP		24.00	37.00	Yes
357-01-STP and 360-01-STP	8.00			
378-01-STP **(07/10)**	5.00	24.00	27.00	Yes
378-01-STO **(07/10)**		24.00	27.00	Yes
378-02-STP **(07/10)**	5.00	24.00	27.00	Yes
378-02-STO **(07/10)**		24.00	27.00	Yes
407-01-STP	1.30	11.00	27.00	Yes
412-01-STP		24.00	55.50	Yes
412-01-STO		24.00	40.00	Yes
412-01-STP and 412-01-STO	4.00			
412-02-STP		24.00	55.50	Yes
412-02-STO		24.00	40.00	Yes
412-02-STP and 412-02-STO	4.00			
412-03-STP		24.00	55.50	Yes
412-03-STO		24.00	40.00	Yes

EPN	Maximum Hourly Coating Usage (gallons/hour)	Maximum Daily Hours of Operation* (hours/day)	Stack Height (feet)	Vertical Discharge?
412-03-STP and 412-03-STO	4.00			
412-04-STP		24.00	55.50	Yes
412-04-STO		24.00	40.00	Yes
412-04-STP and 412-04-STO	4.00			
412-05-STP		24.00	55.50	Yes
412-05-STO		24.00	40.00	Yes
412-05-STP and 412-05-STO	4.00			
412-06-STP	2.30	24.00	55.50	Yes
412-06-STO		24.00	16.00	No
412-07-STP	2.30	24.00	55.50	Yes
412-07-STO		24.00	16.00	No
412-08-STP	2.30	24.00	55.50	Yes
412-09-STP	2.30	24.00	55.50	Yes
443-01-STP **(07/10)**	5.00	24.00	27.00	Yes
493-01-STP		24.00	56.00	Yes
493-01-STO		24.00	45.00 (2 stacks)	Yes
493-01-STP and 493-01-STO	4.40			
493-03-STO **(12/12)**	3.00	24.00	54.00	Yes
493-12-STO		24.00	43.00	Yes
493-13-STO		24.00	43.00	Yes
493-12-STO and 493-13-STO	3.00			
561-01-STP		24.00	25.50	Yes
561-01-STO		24.00	25.50	Yes
561-01-STP and 561-01-STO	4.00			
591-01-STP	3.00	24.00	34.00	Yes
591-02-STP	3.00	11.00	32.00	Yes
591-03-STP **(4/09)**	1.83	24.00	34.00	Yes
591-04-STP **(4/09)**	2.13	11.00	34.00	Yes
595-01-STP	1.30	11.00	35.00	Yes

EPN	Maximum Hourly Coating Usage (gallons/hour)	Maximum Daily Hours of Operation* (hours/day)	Stack Height (feet)	Vertical Discharge?
595-02-STP		24.00	34.10	Yes
595-02-STO		24.00	32.50	Yes
595-04-STO		24.00	32.00	Yes
595-02-STP, 595-02-STO, and 595-04-STO	4.50			
595-03-STP		24.00	32.90	Yes
595-03-STO		24.00	33.00	Yes
595-05-STO		24.00	32.00	Yes
595-03-STP, 595-03-STO, and 595-05-STO	4.70			
595-05-STO1		24.00	35.00	Yes
595-05-VAT		24.00	43.00	Yes
595-05-STO1 and 595-05-VAT	2.00			
939-01-STP	1.30	11.00	22.00	Yes
1122-01-STP	1.30	11.00	34.00	Yes
1130-01-STP		24.00	34.00	Yes
1130-02-STP		24.00	34.00	Yes
1130-03-STP		24.00	34.00	Yes
1130-04-STP		24.00	34.00	Yes
All 1130 booths	5.20			
1172-01-STP	1.30	24.00	30.00	Yes
1184-01-STP	2.00	24.00	25.50	Yes
1184-02-STP	2.00	24.00	25.50	Yes

* 9 hours per day means 8:00 a.m. until 5:00 p.m., and 11 hours per day means 6:00 a.m. until 5:00 p.m.

** EPNs 323A-01-STP and 323A-02-STP are allowed to operate 24 hours per day until the following paint booths become operational: EPN 412-05-STP through 412-09-STP.

Dated: June 16, 2014

Emission Sources - Maximum Allowable Emission Rates

Permit Numbers 17973 and PSDTX1112

This table lists the maximum allowable emission rates and all sources of air contaminants on the applicant's property covered by this permit. The emission rates shown are those derived from information submitted as part of the application for permit and are the maximum rates allowed for these facilities, sources, and related activities. Any proposed increase in emission rates may require an application for a modification of the facilities covered by this permit.

Air Contaminants Data

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates (5)	
			lbs/hour	TPY (4)
323-04-STP and 323-05-STP	Paint Booths	VOC	27.80	*
		$PM_{10}/PM_{2.5}$	0.45	**
323A-01-STP and 323A-02-STP	Paint Booths	VOC	28.90	*
		$PM_{10}/PM_{2.5}$	0.45	**
323A-01-STP(F) and 323A-02-STP(F)	Paint Booths	VOC	19.20	*
323A-03-STP	Paint Booth	VOC	12.00	*
		$PM_{10}/PM_{2.5}$	0.17	**
323A-03-STO	Oven	VOC	9.06	*
		ES	5.56	***
323A-06-STP	Paint Booth	VOC	12.32	*
		$PM_{10}/PM_{2.5}$	0.03	**
		ES	5.56	***
323A-08-STP	Paint Booth	VOC	34.49	*
		$PM_{10}/PM_{2.5}$	0.04	**
		ES	19.33	***
345-01-STP	Paint Booth	VOC	13.80	*
		$PM_{10}/PM_{2.5}$	0.13	**
345-02-STP	Paint Booth	VOC	13.80	*
		$PM_{10}/PM_{2.5}$	0.13	**

Emission Sources - Maximum Allowable Emission Rates

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates (5)	
			lbs/hour	TPY (4)
357-01-STP and 360-01-STP	Paint Booths	VOC	42.10	*
		$PM_{10}/PM_{2.5}$	0.45	**
378-01-STP	Paint Booth	VOC	10.32	*
		$PM_{10}/PM_{2.5}$	0.09	**
		ES	8.22	***
378-01-STO	Oven	VOC	2.58	*
		ES	2.07	***
378-02-STP	Paint Booth	VOC	8.96	*
		$PM_{10}/PM_{2.5}$	0.14	**
		ES	16.60	***
378-02-STO	Oven	VOC	2.24	*
		ES	4.15	***
407-01-STP	Paint Booth	VOC	10.00	*
		$PM_{10}/PM_{2.5}$	0.07	**
412-01-STF	Blast Booth/Heater Routed to a Dust Collector	$PM_{10}/PM_{2.5}$ (6)	0.01	0.04
		SO_2	0.001	0.003
		NO_x	0.12	0.54
		CO	0.10	0.45
		VOC (6)	0.01	0.03
		$PM_{10}/PM_{2.5}$	0.001	0.001

Emission Sources - Maximum Allowable Emission Rates

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates (5)	
			lbs/hour	TPY (4)
412-01-STP	Paint Booth/Heater	$PM_{10}/PM_{2.5}$ (6)	0.02	0.10
		SO_2	0.002	0.01
		NO_x	0.30	1.34
		CO	0.26	1.12
		VOC (6)	0.02	0.07
		VOC	31.36	*
		$PM_{10}/PM_{2.5}$	0.04	**
		ES	17.40	***
412-01-STO	Oven	$PM_{10}/PM_{2.5}$ (6)	0.01	0.02
		SO_2	0.0004	0.002
		NO_x	0.07	0.30
		CO	0.06	0.25
		VOC (6)	0.004	0.02
		VOC	3.12	*
		ES	1.93	***
412-02-STF	Blast Booth/Heater Routed to a Dust Collector	$PM_{10}/PM_{2.5}$ (6)	0.01	0.04
		SO_2	0.001	0.003
		NO_x	0.12	0.54
		CO	0.10	0.45
		VOC (6)	0.01	0.03
		$PM_{10}/PM_{2.5}$	0.001	0.001

Emission Sources - Maximum Allowable Emission Rates

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates (5)	
			lbs/hour	TPY (4)
412-02-STP	Paint Booth/Heater	$PM_{10}/PM_{2.5}$ (6)	0.02	0.10
		SO_2	0.002	0.01
		NO_x	0.30	1.34
		CO	0.26	1.12
		VOC (6)	0.02	0.07
		VOC	31.36	*
		$PM_{10}/PM_{2.5}$	0.04	**
		ES	17.40	***
412-02-STO	Oven	$PM_{10}/PM_{2.5}$ (6)	0.01	0.02
		SO_2	0.0004	0.002
		NO_x	0.07	0.30
		CO	0.06	0.25
		VOC (6)	0.004	0.02
		VOC	3.12	*
		ES	1.93	***
412-03-STF	Blast Booth/Heater Routed to a Dust Collector	$PM_{10}/PM_{2.5}$ (6)	0.01	0.04
		SO_2	0.001	0.003
		NO_x	0.12	0.54
		CO	0.10	0.45
		VOC (6)	0.01	0.03
		$PM_{10}/PM_{2.5}$	0.001	0.001

Emission Sources - Maximum Allowable Emission Rates

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates (5)	
			lbs/hour	TPY (4)
412-03-STP	Paint Booth/Heater	$PM_{10}/PM_{2.5}$ (6)	0.02	0.10
		SO_2	0.002	0.01
		NO_x	0.30	1.34
		CO	0.26	1.12
		VOC (6)	0.02	0.07
		VOC	31.36	*
		$PM_{10}/PM_{2.5}$	0.04	**
		ES	17.40	***
412-03-STO	Oven	$PM_{10}/PM_{2.5}$ (6)	0.01	0.02
		SO_2	0.0004	0.002
		NO_x	0.07	0.30
		CO	0.06	0.25
		VOC (6)	0.004	0.02
		VOC	3.12	*
		ES	1.93	***
412-04-STF	Blast Booth/Heater Routed to a Dust Collector	$PM_{10}/PM_{2.5}$ (6)	0.01	0.04
		SO_2	0.001	0.003
		NO_x	0.12	0.54
		CO	0.10	0.45
		VOC (6)	0.01	0.03
		$PM_{10}/PM_{2.5}$	0.001	0.001

Emission Sources - Maximum Allowable Emission Rates

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates (5)	
			lbs/hour	TPY (4)
412-04-STP	Paint Booth/Heater	$PM_{10}/PM_{2.5}$ (6)	0.02	0.10
		SO_2	0.002	0.01
		NO_x	0.30	1.34
		CO	0.26	1.12
		VOC (6)	0.02	0.07
		VOC	31.36	*
		$PM_{10}/PM_{2.5}$	0.04	**
		ES	17.40	***
412-04-STO	Oven	$PM_{10}/PM_{2.5}$ (6)	0.01	0.02
		SO_2	0.0004	0.002
		NO_x	0.07	0.30
		CO	0.06	0.25
		VOC (6)	0.004	0.02
		VOC	3.12	*
		ES	1.93	***
412-05-STF	Blast Booth/Heater Routed to a Dust Collector	$PM_{10}/PM_{2.5}$ (6)	0.01	0.04
		SO_2	0.001	0.003
		NO_x	0.12	0.54
		CO	0.10	0.45
		VOC (6)	0.01	0.03
		$PM_{10}/PM_{2.5}$	0.001	0.001

Emission Sources - Maximum Allowable Emission Rates

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates (5)	
			lbs/hour	TPY (4)
412-05-STP	Paint Booth/Heater	$PM_{10}/PM_{2.5}$ (6)	0.02	0.10
		SO_2	0.002	0.01
		NO_x	0.30	1.34
		CO	0.26	1.12
		VOC (6)	0.02	0.07
		VOC	31.36	*
		$PM_{10}/PM_{2.5}$	0.04	**
		ES	17.40	***
412-05-STO	Oven	$PM_{10}/PM_{2.5}$ (6)	0.01	0.02
		SO_2	0.0004	0.002
		NO_x	0.07	0.30
		CO	0.06	0.25
		VOC (6)	0.004	0.02
		VOC	3.12	*
		ES	1.93	***
412-06-STP	Paint Booth/Heater	$PM_{10}/PM_{2.5}$ (6)	0.04	0.19
		SO_2	0.003	0.02
		NO_x	0.58	2.55
		CO	0.49	2.14
		VOC (6)	0.03	0.14
		VOC	14.13	*
		$PM_{10}/PM_{2.5}$	0.01	**
		ES	2.15	***

Emission Sources - Maximum Allowable Emission Rates

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates (5)	
			lbs/hour	TPY (4)
412-06-STO	Oven	$PM_{10}/PM_{2.5}$ (6)	0.02	0.08
		SO_2	0.001	0.01
		NO_x	0.25	1.07
		CO	0.21	0.90
		VOC (6)	0.01	0.06
		VOC	13.75	*
		ES	5.88	***
412-07-STP	Paint Booth/Heater	$PM_{10}/PM_{2.5}$ (6)	0.04	0.19
		SO_2	0.003	0.02
		NO_x	0.58	2.55
		CO	0.49	2.14
		VOC (6)	0.03	0.14
		VOC	13.01	*
		$PM_{10}/PM_{2.5}$	0.02	**
		ES	6.67	***
412-07-STO	Oven	$PM_{10}/PM_{2.5}$ (6)	0.02	0.08
		SO_2	0.001	0.01
		NO_x	0.25	1.07
		CO	0.21	0.90
		VOC (6)	0.01	0.06
		VOC	13.75	*
		ES	5.88	***

Emission Sources - Maximum Allowable Emission Rates

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates (5)	
			lbs/hour	TPY (4)
412-08-STP	Paint Booth/Heater	$PM_{10}/PM_{2.5}$ (6)	0.04	0.19
		SO_2	0.003	0.02
		NO_x	0.58	2.55
		CO	0.49	2.14
		VOC (6)	0.03	0.14
		VOC	14.13	*
		$PM_{10}/PM_{2.5}$	0.01	**
		ES	2.15	***
412-09-STP	Paint Booth/Heater	$PM_{10}/PM_{2.5}$ (6)	0.04	0.19
		SO_2	0.003	0.02
		NO_x	0.58	2.55
		CO	0.49	2.14
		VOC (6)	0.03	0.14
		VOC	13.01	*
		$PM_{10}/PM_{2.5}$	0.02	**
		ES	6.67	***
443-01-STP	Paint Booth	VOC	13.65	*
		$PM_{10}/PM_{2.5}$	0.06	**
493-01-STP and 493-01-STO (two stacks)	Paint Booth	VOC	9.95	*
		$PM_{10}/PM_{2.5}$	0.18	**
493-02-SVT	Mechanical Denuder	$PM_{10}/PM_{2.5}$	0.06	0.02
493-02-STF	Blast Cleaning Booth Routed to a Dust Collector	$PM_{10}/PM_{2.5}$	0.04	0.12

Emission Sources - Maximum Allowable Emission Rates

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates (5)	
			lbs/hour	TPY (4)
493-02-STO (will be replaced by 493-13-STO)	Two Adhesive Booths	VOC	15.51	*
493-03-STF	Blast Cleaning Booth Routed to a Dust Collector	$PM_{10}/PM_{2.5}$	0.04	0.12
493-03-STO	Adhesive Booth	VOC	19.60	*
493-04-STF	Blast Cleaning Booth Routed to a Dust Collector	$PM_{10}/PM_{2.5}$	0.12	0.14
493-05-STF	Blast Cleaning Booth Routed to a Dust Collector	$PM_{10}/PM_{2.5}$	0.12	0.14
493-10-STO	Ridoline Cleaner and Chromate Conversion Vats	Acid		0.03
493-11-STO (will be replaced by 493-12-STO)	Two Drying Ovens	VOC	3.56	*
493-12-STO (will replace 493-11-STO)	Two Ovens	VOC	9.62	*
493-13-STO (will replace 493-02-STO)	Two Adhesive Spray Booths	VOC	42.25	*
		$PM_{10}/PM_{2.5}$	0.003	**
495M-01-STO	Fluidized Bed Rubber Denuding System	$PM_{10}/PM_{2.5}$	1.64	3.60
		SO_2	15.50	39.50
		NO_x	21.52	39.30
		CO	18.08	22.70
		VOC	3.90	11.80
		HCl	0.20	0.38

Emission Sources - Maximum Allowable Emission Rates

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates (5)	
			lbs/hour	TPY (4)
561-01-STF	Blast Booth/Heater Routed to a Dust Collector	$PM_{10}/PM_{2.5}$ (6)	0.01	0.04
		SO_2	0.001	0.003
		NO_x	0.12	0.54
		CO	0.10	0.45
		VOC (6)	0.01	0.03
		$PM_{10}/PM_{2.5}$	0.001	0.001
561-01-STP	Paint Booth/Heater	$PM_{10}/PM_{2.5}$ (6)	0.02	0.10
		SO_2	0.002	0.01
		NO_x	0.30	1.34
		CO	0.26	1.12
		VOC (6)	0.02	0.07
		VOC	28.03	*
		$PM_{10}/PM_{2.5}$	0.03	**
		ES	17.40	***
561-01-STO	Oven	$PM_{10}/PM_{2.5}$ (6)	0.01	0.02
		SO_2	0.0004	0.002
		NO_x	0.07	0.30
		CO	0.06	0.25
		VOC (6)	0.004	0.02
		VOC	2.75	*
		ES	1.93	***
591-01-STP	Paint Booth	VOC	18.80	*
		$PM_{10}/PM_{2.5}$	0.20	**

Emission Sources - Maximum Allowable Emission Rates

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates (5)	
			lbs/hour	TPY (4)
591-02-STP	Paint Booth	VOC	12.50	*
		$PM_{10}/PM_{2.5}$	0.20	**
591-03-STP	Paint Booth	VOC	11.00	*
		$PM_{10}/PM_{2.5}$	0.07	**
591-04-STP	Paint Booth	VOC	18.00	*
		$PM_{10}/PM_{2.5}$	0.20	**
591-04-STP(F)	Paint Booth	VOC	3.10	*
595-01-STP	Paint Booth	VOC	7.80	*
		$PM_{10}/PM_{2.5}$	0.07	**
595-01-VAT	Dip Coating Vat	VOC	2.02	*
595-02-STP	Paint Booth	VOC	8.06	*
		$PM_{10}/PM_{2.5}$	0.07	**
595-02-STO	Drying Oven	VOC	3.94	*
595-03-STP	Paint Booth	VOC	4.70	*
		$PM_{10}/PM_{2.5}$	0.07	**
595-03-STO	Drying Oven	VOC	3.10	*
595-04-STO	Paint Mixing Room	VOC	0.20	*
595-05-STO	Paint Mixing Room	VOC	0.20	*
595-05-VAT	Dip Coating Vat	VOC	6.86	*
595-05-FUG	Dip Coating Vat Fugitives	VOC	0.40	*

Emission Sources - Maximum Allowable Emission Rates

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates (5)	
			lbs/hour	TPY (4)
595-05-STO1 and 595-05-STO2	Oven	$PM_{10}/PM_{2.5}$ (6)	0.01	0.03
		SO_2	0.0005	0.002
		NO_x	0.08	0.34
		CO	0.07	0.29
		VOC (6)	0.004	0.02
		VOC	0.81	*
595-10-VAT	Dip Coating Vat	VOC	2.02	*
939-01-STP	Paint Booth	VOC	7.80	*
		$PM_{10}/PM_{2.5}$	0.07	**
1122-01-STP	Paint Booth	VOC	4.70	*
		$PM_{10}/PM_{2.5}$	0.07	**
1122-01-STP(F)	Paint Booth	VOC	3.10	*
1130-01-STP, 1130-02-STP, 1130-03-STP, and 1130-04-STP	Paint Booths	VOC	18.80	*
		$PM_{10}/PM_{2.5}$	0.29	**
1130-01-STP(F), 1130-02-STP(F), 1130-03-STP(F), and 1130-04-STP(F)	Paint Booths	VOC	12.60	*
1172-01-STP	Paint Booth	VOC	4.70	*
		$PM_{10}/PM_{2.5}$	0.07	**
1172-01-STP(F)	Paint Booth	VOC	3.10	*

Emission Sources - Maximum Allowable Emission Rates

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates (5)	
			lbs/hour	TPY (4)
1184-01-STP	Paint Booth/Heater	$PM_{10}/PM_{2.5}$ (6)	0.01	0.03
		SO_2	0.001	0.003
		NO_x	0.10	0.43
		CO	0.08	0.36
		VOC (6)	0.01	0.02
		VOC	21.64	*
		$PM_{10}/PM_{2.5}$	0.02	**
		ES	9.66	***
1184-02-STP	Paint Booth/Heater	$PM_{10}/PM_{2.5}$ (6)	0.01	0.03
		SO_2	0.001	0.003
		NO_x	0.10	0.43
		CO	0.08	0.36
		VOC (6)	0.01	0.02
		VOC	21.64	*
		$PM_{10}/PM_{2.5}$	0.02	**
		ES	9.66	***

(1) Emission point identification - either specific equipment designation or emission point number from plot plan.
STP - Stack, Paint Booth
SVT - Scrubber Vent
STF - Stack, Bag Filter, Cyclone, or Dust Collector
STO - Stack, Other (Adhesive Booth, Fluidized Bed, etc.)
(F) - Fugitive Emissions, no centralized stack or point of emission.
(2) Specific point source name. For fugitive sources, use area name or fugitive source name.

Emission Sources - Maximum Allowable Emission Rates

(3) ES - Exempt solvent: those carbon compounds or mixtures of carbon compounds used as solvents which have been excluded from the definition of volatile organic compound.
VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1
NOx - total oxides of nitrogen
SO2 - sulfur dioxide
PM10 - total particulate matter equal to or less than 10 microns in diameter, including PM2.5
PM2.5 - particulate matter equal to or less than 2.5 microns in diameter
CO - carbon monoxide
HCl - hydrogen chloride
(4) Compliance with annual emission limits (tons per year) is based on a 12 month rolling period.
(5) The allowable emission rates include planned maintenance, startup, and shutdown activities.
(6) Combustion emissions.
* The combined allowable VOC emission rate for these sources is 315.29 tons per year (tpy).
** The combined allowable $PM_{10}/PM_{2.5}$ emission rate for these sources is 1.59 tpy.
*** The combined allowable ES emission rate for these sources is 64.47 tpy.

Date: July 12, 2013

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY
AIR QUALITY PERMIT

A Permit Is Hereby Issued To
US Department of the Army
Authorizing the Construction and Operation of
Red River Army Depot
Located at **Texarkana, Bowie County, Texas**
Latitude 33° 32′ 1″ Longitude 94° 39′ 8″

Permit: 8315A and PSDTX475M1

Revision Date : October 28, 2013

Renewal Date: December 2, 2021

For the Commission

1. **Facilities** covered by this permit shall be constructed and operated as specified in the application for the permit. All representations regarding construction plans and operation procedures contained in the permit application shall be conditions upon which the permit is issued. Variations from these representations shall be unlawful unless the permit holder first makes application to the Texas Commission on Environmental Quality (commission) Executive Director to amend this permit in that regard and such amendment is approved. [Title 30 Texas Administrative Code 116.116 (30 TAC 116.116)]
2. **Voiding of Permit**. A permit or permit amendment is automatically void if the holder fails to begin construction within 18 months of the date of issuance, discontinues construction for more than 18 months prior to completion, or fails to complete construction within a reasonable time. Upon request, the executive director may grant an 18-month extension. Before the extension is granted the permit may be subject to revision based on best available control technology, lowest achievable emission rate, and netting or offsets as applicable. One additional extension of up to 18 months may be granted if the permit holder demonstrates that emissions from the facility will comply with all rules and regulations of the commission, the intent of the Texas Clean Air Act (TCAA), including protection of the public's health and physical property; and (b)(1)the permit holder is a party to litigation not of the permit holder's initiation regarding the issuance of the permit; or (b)(2) the permit holder has spent, or committed to spend, at least 10 percent of the estimated total cost of the project up to a maximum of $5 million. A permit holder granted an extension under subsection (b)(1) of this section may receive one subsequent extension if the permit holder meets the conditions of subsection (b)(2) of this section. [30 TAC 116.120(a), (b) and (c)]
3. **Construction Progress**. Start of construction, construction interruptions exceeding 45 days, and completion of construction shall be reported to the appropriate regional office of the commission not later than 15 working days after occurrence of the event. [30 TAC 116.115(b)(2)(A)]
4. **Start-up Notification**. The appropriate air program regional office shall be notified prior to the commencement of operations of the facilities authorized by the permit in such a manner that a representative of the commission may be present. The permit holder shall provide a separate notification for the commencement of operations for each unit of phased construction, which may involve a series of units commencing operations at different times. Prior to operation of the facilities authorized by the permit, the permit holder shall identify the source or sources of allowances to be utilized for compliance with Chapter 101, Subchapter H, Division 3 of this title (relating to Mass Emissions Cap and Trade Program). [30 TAC 116.115(b)(2)(B)(iii)]
5. **Sampling Requirements**. If sampling is required, the permit holder shall contact the commission's Office of Compliance and Enforcement prior to sampling to obtain the proper data forms and procedures. All sampling and testing procedures must be approved by the executive director and coordinated with the regional representatives of the commission. The permit holder is also responsible for providing sampling facilities and conducting the sampling operations or contracting with an independent sampling consultant. [30 TAC 116.115(b)(2)(C)]

6. **Equivalency of Methods.** The permit holder must demonstrate or otherwise justify the equivalency of emission control methods, sampling or other emission testing methods, and monitoring methods proposed as alternatives to methods indicated in the conditions of the permit. Alternative methods shall be applied for in writing and must be reviewed and approved by the executive director prior to their use in fulfilling any requirements of the permit. [30 TAC 116.115(b)(2)(D)]
7. **Recordkeeping.** The permit holder shall maintain a copy of the permit along with records containing the information and data sufficient to demonstrate compliance with the permit, including production records and operating hours; keep all required records in a file at the plant site. If, however, the facility normally operates unattended, records shall be maintained at the nearest staffed location within Texas specified in the application; make the records available at the request of personnel from the commission or any air pollution control program having jurisdiction; comply with any additional recordkeeping requirements specified in special conditions attached to the permit; and retain information in the file for at least two years following the date that the information or data is obtained. [30 TAC 116.115(b)(2)(E)]
8. **Maximum Allowable Emission Rates**. The total emissions of air contaminants from any of the sources of emissions must not exceed the values stated on the table attached to the permit entitled "Emission Sources--Maximum Allowable Emission Rates." [30 TAC 116.115(b)(2)(F)]
9. **Maintenance of Emission Control**. The permitted facilities shall not be operated unless all air pollution emission capture and abatement equipment is maintained in good working order and operating properly during normal facility operations. The permit holder shall provide notification for upsets and maintenance in accordance with 30 TAC 101.201, 101.211, and 101.221 of this title (relating to Emissions Event Reporting and Recordkeeping Requirements; Scheduled Maintenance, Startup, and Shutdown Reporting and Recordkeeping Requirements; and Operational Requirements). [30 TAC 116.115(b)(2)(G)]
10. **Compliance with Rules**. Acceptance of a permit by an applicant constitutes an acknowledgment and agreement that the permit holder will comply with all rules, regulations, and orders of the commission issued in conformity with the TCAA and the conditions precedent to the granting of the permit. If more than one state or federal rule or regulation or permit condition is applicable, the most stringent limit or condition shall govern and be the standard by which compliance shall be demonstrated. Acceptance includes consent to the entrance of commission employees and agents into the permitted premises at reasonable times to investigate conditions relating to the emission or concentration of air contaminants, including compliance with the permit. [30 TAC 116.115(b)(2)(H)]
11. **This** permit may not be transferred, assigned, or conveyed by the holder except as provided by rule. [30 TAC 116.110(e)]
12. **There** may be additional special conditions attached to a permit upon issuance or modification of the permit. Such conditions in a permit may be more restrictive than the requirements of Title 30 of the Texas Administrative Code. [30 TAC 116.115(c)]
13. **Emissions** from this facility must not cause or contribute to a condition of "air pollution" as defined in Texas Health and Safety Code (THSC) 382.003(3) or violate THSC 382.085. If the executive director determines that such a condition or violation occurs, the holder shall implement additional abatement measures as necessary to control or prevent the condition or violation.
14. **The** permit holder shall comply with all the requirements of this permit. Emissions that exceed the limits of this permit are not authorized and are violations of this permit.

SPECIAL CONDITIONS

Permit Numbers 8315A and PSDTX475M1

EQUIPMENT STANDARDS AND OPERATING SPECIFICATIONS

1. Emissions of particulate matter shall not exceed 0.1 pound (lb) per MMBtu heat input.

2. Emissions of sulfur dioxide (SO_2) shall not exceed 1.2 lb/MMBtu heat input.

3. Emissions of nitrogen oxides (NO_x) shall not exceed 0.7 lb/MMBtu heat input.

4. Upon the request of the Executive Director of the Texas Commission on Environmental Quality (TCEQ) or any air pollution control program having jurisdiction, the holder of this permit shall provide a sample and/or an analysis of the fuel(s) utilized in the boilers or shall allow air pollution control agency representatives to obtain a sample for analysis.

5. Coal stockpiles shall be sprinkled with water and/or chemicals as necessary to control the emissions of coal dust to the minimum level possible under existing conditions.

6. Disposal of ash must be accomplished in a manner which will prevent the ash from becoming airborne.

DEMONSTRATION OF COMPLIANCE

7. Upon the request of the Executive Director of the TCEQ, the holder of this permit shall perform stack sampling and other testing as required to establish the actual pattern and quantities of air contaminants being emitted into the atmosphere from the boilers. The holder of this permit is responsible for providing sampling and testing facilities and conducting the sampling and testing operations at his expense. Sampling shall be conducted in accordance with the appropriate procedures of the TCEQ Sampling Procedures Manual and in accordance with the appropriate U.S. Environmental Protection Agency (EPA) Reference Methods.

    A. The TCEQ Tyler Regional Office shall be contacted as soon as testing is scheduled, but not less than 45 days prior to sampling to schedule a pretest meeting. The notice shall include:

        (1) Date for pretest meeting.
        (2) Date sampling will occur.
        (3) Name of firm conducting sampling.
        (4) Type of sampling equipment to be used.
        (5) Method or procedure to be used in sampling.
        (6) Procedure used to determine boiler loads during and after the sampling period.

The purpose of the pretest meeting is to review the necessary sampling and testing procedures, to provide the proper data forms for recording pertinent data, and to review the format procedures for submitting the test reports. A written proposed description of any deviation from sampling procedures specified in permit conditions, TCEQ, or EPA sampling procedures shall be made available to the TCEQ prior to the pretest meeting. The TCEQ Regional Director or the TCEQ Enforcement Division in Austin shall approve or disapprove of any deviation from specified sampling procedures. Requests to waive testing for any pollutant specified in this condition shall be submitted to the TCEQ Office of Permitting, and Registration, Air Permits Division. Test waivers and alternate or equivalent procedure proposals for New Source Performance Standards testing which must have EPA approval shall be submitted to the TCEQ Enforcement Division in Austin.

B. Air contaminants emitted from the boilers to be tested for include (but are not limited to) particulate matter, SO_2, and NO_x.

C. Sampling shall occur at such other times as may be required by the Executive Director of the TCEQ.

D. The boilers shall operate at maximum firing rates during stack emission testing. Primary operating parameters that enable determination of maximum firing rates shall be monitored and recorded during the stack test. These parameters shall be determined at the pretest meeting and shall be stated in the sampling report. If the boilers are unable to operate at maximum rates during testing, then future production rates may be limited to the rates established during testing. Additional stack testing may be required when higher production rates are achieved.

E. A copy of the final sampling report shall be forwarded to the TCEQ within 60 days after sampling is completed. Sampling reports shall comply with the attached provisions of Chapter 14 of the TCEQ Sampling Procedures Manual. The report shall be distributed as follows:

(1) One copy to the TCEQ Tyler Regional Office.

CONTINUOUS DEMONSTRATION OF COMPLIANCE

8. Emissions of SO_2 shall be determined by either a continuous emissions monitor system or by calculating SO_2 emissions based on the EPA, AP42, Fifth Edition, Table 1.1-3. Weight percent of sulfur represented in the coal analysis record received with each shipment of coal shall be the basis for calculating SO_2 emissions from each boiler. Demonstration of

compliance with emission standards specified in Special Condition No. 2 and the emission allowable rates specified in the maximum allowable emission rates table (MAERT), shall be performed in accordance with calculation methodology represented in permit alteration correspondence dated November 28, 2000.

9. The permit holder shall install and operate a pressure monitoring device to measure the differential pressure across the fabric filter unit at least four times per hour. The differential pressure should not be below 1.5 inches water gauge pressure. The monitoring device shall be calibrated at a frequency in accordance with the manufacturer's specifications, or at least annually, whichever is more frequent, and shall be accurate to within 0.5 inches water gauge pressure (± 125 pascals) or ± 5 percent of span. **(05/10)**

RECORDKEEPING REQUIREMENTS

10. The holder of this permit shall maintain records of coal analysis reports received with each shipment of coal.

11. The holder of this permit shall maintain logs showing the weight of coal and frequency of feed of coal to each boiler as represented in the permit alteration request correspondence dated November 28, 2000.

12. The holder of this permit shall maintain documentation of calculations to demonstrate compliance with the emission standards specified in Special Condition Nos. 1, 2, and 3 and the allowable emission rates specified in the attached MAERT.

13. The holder of this permit shall maintain records to demonstrate compliance with Special Condition No. 9. **(05/10)**

Dated May 17, 2010

Emission Sources - Maximum Allowable Emission Rates

Permit Number 8315A and PSDTX475M1

This table lists the maximum allowable emission rates and all sources of air contaminants on the applicant's property covered by this permit. The emission rates shown are those derived from information submitted as part of the application for permit and are the maximum rates allowed for these facilities, sources, and related activities. Any proposed increase in emission rates may require an application for a modification of the facilities covered by this permit.

Air Contaminants Data

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates (5)	
			lbs/hour	TPY (4)
336-01-STB	Boiler Plant Coal/ Wood Boiler No. 1 Exhaust Stack	VOC	2.28	9.99
		NO_X	42.00	184.00
		SO_2	72.00	315.40
		PM	6.00	26.30
		CO	36.00	157.00
336-02-STB	Boiler Plant Coal/ Wood Boiler No. 2 Exhaust Stack	VOC	2.28	9.99
		NO_X	42.00	184.00
		SO_2	72.00	315.40
		PM	6.00	26.30
		CO	36.00	157.00
336-03-STB	Boiler Plant Coal/ Wood Boiler No. 3 Exhaust Stack	VOC	2.28	9.99
		NO_X	42.00	184.00
		SO_2	72.00	315.40
		PM	6.00	26.30
		CO	36.00	157.00

Emission Sources - Maximum Allowable Emission Rates

(1) Emission point identification - either specific equipment designation or emission point number from plot plan.
(2) Specific point source name. For fugitive sources, use area name or fugitive source name.
(3) VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1
NO_x - total oxides of nitrogen
SO_2 - sulfur dioxide
PM - total particulate matter, suspended in the atmosphere, including PM_{10} and $PM_{2.5}$, as represented
PM_{10} - total particulate matter equal to or less than 10 microns in diameter, including $PM_{2.5}$, as represented
$PM_{2.5}$ - particulate matter equal to or less than 2.5 microns in diameter
CO - carbon monoxide
(4) Compliance with annual emission limits (tons per year) is based on a 12 month rolling period.
(5) The allowable emission rates include planned maintenance, startup, and shutdown activities.

Date: October 28, 2013